Specification

for

Methods and Apparatus for Implementing Internet Storefronts to Provide Integrated Functions

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This invention relates to methods and apparatus for enabling online merchants to sell Field of the Invention complex products and services using an integrated mechanism for personalizing sales, managing content and advertising, and generating reports.

Reference to Appendix and Copyright Statement

An appendix consisting of 299 pages accompanies and forms a part of this specification and contains Unix operating system script file listings and related data that illustrate a working illustrative embodiment of selected components of the invention. A portion of the disclosure of this patent document contains material that is subject to copyright protection. The copyright owner has no objection to the facsimile reproduction by anyone of the patent document or the patent disclosure, as it appears in the Patent and Trademark Office patent file or records, but otherwise reserves all copyright rights whatsoever.

Background of the Invention

The online sales market and its underlying technologies are quickly maturing. With the rapid market maturation, what were once competitive advantages are becoming commonplace. For example, most online consumers now expect competitive pricing, shopping carts, advance search capabilities, online status checking, email notifications, and more. These trends set lofty goals for companies who must develop more compelling online experiences, determine more ways to drive sales, and enhance their competitive advantages. Whether the intent is to sell complex or custom products over the Internet, to conduct one-on-one marketing, to understand the behavior and patterns of customers, to manage the ever-changing web store contents, or to enhance the ease of shopping, online companies must implement advanced techniques if they are to effectively compete

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The ever increasing level of competition necessitates the infusion of best practices from sales and marketing with compelling product offerings. Product Managers must be able to maintain and build complex selling models without the traditional reliance on skilled programmers. Moreover, e-commerce applications need to be rapidly deployed and must be easily maintainable, even for complex & custom products.

In order to create distinct competitive advantages, companies must integrate sales and services. To improve customer attraction and retention, companies must develop and manage customer relationship via better sales and service integration and new technology. To insure that buyers to find what they need and place an order, the online selling process must be provide timely & accurate enterprise data, be structured in a way that is easy to use for the buyer, allow the buyer to find what they need without undue effort and frustration, and suggest products and services that are in the best interest of the customer.

Summary of the Invention

The present invention takes the form of a rapidly deployable, integrated online sales system which comprises a core storefront application that executes on a conventional web database server, guided buying and sales configuration capabilities for selling complex custom products and services, content management functions, a recommendation system for predicting the preferences of individual customers and making specific real-time recommendations during a shopping session, an advertising management system, a profiling system for customizing customer interactions based on the site visitor's demonstrated interests, and a reporting system that provides accurate and reliable analysis of user' behavior to create the valuable reports.

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As contemplated by the invention, the core storefront database server system, the advertising management engine, the recommendation engine, the content manager, and the analysis report generator take the form of separate modules that can be rapidly integrated and deployed using prewritten installation and configuration scripts. The various components of the desired system are preferably first assembled as a pre-integrated prototype system that can be rapidly recreated, thereby seamlessly integrating the core storefront component with the other functional units. As the prewritten scripts execute during the deployment process, the installer is prompted to provide data values which are used to modify the content of pre-written configuration template files to accommodate the special needs of each individual installation. This rapid deployment methodology ensures a repeatable solution that allows businesses to quickly build and deploy e-commerce sites complete with guided buying and configuration capabilities.

In accordance with another feature of the invention, a web-based user interface provides centralized system administration functions. The administration system provides password protected log-in so that only authorized persons can perform the supported administration functions which include content management, content workflow, user management, product management, the creation of advertising programs, and the design and invocation of analytical reporting functions.

These and other objects, features and advantages of the present invention may be better understood through a consideration of the following detailed description in which frequent reference is made to the accompanying drawings.

Brief Description of the Drawings

Fig. 1 is a block diagram illustrating the relationship between the application modules that together form the integrated online sales system contemplated by the invention, and

Fig. 2 is a flow diagram illustrating the method used to rapidly deploy the integrated application to a target installation using pre-written operating system script files.

Detailed Description

The preferred embodiment of the invention takes the form of a fully integrated online sales system which can be used by companies that sell simple to complex products and services and which employ personalization, content management, ad management, and report generation.

The core of the system is provided by an online storefront seen at 101 in Fig. 1 which is preferably implement using iStore, a storefront application available from Oracle Corporation, Redwood Shores, CA, which employs the Oracle 8 relational database management system and Oracle application server. In addition, the storefront 101 preferably employs Oracle's Selling Point Internet Edition to add the guided buying and sales configuration capabilities need to sell complex products and services.

The storefront 101 is integrated with a content manager 103 such as the Vignette Story Server available from Vignette Corporation, Austin, TX. The storefront 103 is further integrated with a recommendation engine 105 such NetPerceptions, available from Net Perceptions, Inc. of Eden Prairie, MN, an application which provides buying recommendations to site visitors based on a prediction of each visitor's preferences. NetPerceptions is integrated with iStore by means of a prewritten Java interface called iMarketing provided by Oracle.

The system further integrates advertising management functions as indicated at 107 which are preferably performed by AdManager that delivers targeted advertising and by ProfileServer, which provides customized advertising presentations based on a visitors demonstrated interests while preserving visitor anonymity. Both AdManager and ProfileServer are available from Engage, Inc.

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of Raleigh, NC. Finally, Log files that record visitor activity are passed to an analysis and reporting module 109 which may be implemented by the NetAnalysis program from NetGenesis Corp. of Cambridge, MA. Each of these functional units is managed by the administration module 111. Module 111 provides a Web based menu interface to permit store employs to more easily manage the system.

The additional components integrated with the storefront applications enhance the capabilities of those applications by providing implicit and explicit personalization. Implicit personalization is achieved by observing the click-stream of the user and serving up relevant content on the store pages. Explicit personalization is achieved by asking the user to explicitly rate preferences and tastes, such as hobbies, age etc. and then using these to serve up relevant content.

In order to rapidly deploy such a comprehensive e-commerce solution, the present invention makes use of a pre-integrated prototype that is used to deploy all of the underlying components required to seamlessly integrate the various components of the system. The storefront applications 101, the recommendation engine 105, , the content manager 107, the advertising manager 109, the analysis and reporting module 109, and the administration menu system 111 are first individually loaded, configured and tested on a source computer to form an operational prototype. A like system is then be installed on one or more target machines by executing operating system script files which automatically load and initially configure the separately purchased application programs which make up system. By combining these preferred components in a rapidly deployable prototype, an easily repeatable integrated solution is provided to businesses, enabling them to quickly build e-commerce sites complete with guided buying and configuration capabilities.

Storefront 101

The core storefront 101 is preferably implemented by Oracle iStore 3.1, an application designed to enable businesses to sell non-configurable products and services over the Internet. Oracle iStore is a packaged e-commerce application that provides businesses with the necessary components to create Internet store sites for selling products and services in a secure and personalized environment. iStore supports multiple payment systems, allows the store operator to manage affiliate web links, and provides customers with coupons, discounts, and special promotions. iStore operates on the underlying technology platform of provided by the Oracle 8 relational database management system and Oracle Application Server. The iStore application can be readily integrated with back-office applications such as order entry, accounts receivable, and inventory, as well as with tax and shipping systems. Using iStore and its integrated back-office applications, customers may check inventory, place orders, and follow their orders through to delivery, all through the browser interface provided by the storefront 101.

The functionality of the storefront 101 can be further enhanced by adding the guided buying and sales configuration capabilities required to sell complex and custom products and services over the Internet. Oracle SellingPoint Internet Edition delivers these capabilities in the form of a customizable DHTML (Dynamic HyperText Markup Language) window that can be integrated into iStore. The Oracle SellingPoint adds guided buying, configuration and streamlined order submission to the core capabilities of iStore.

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Content Manager 103

The Vignette StoryServer application may be advantageously integrated with the storefront to provide content management functions: this application provides a content management,

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personalization, decision support, and enterprise integration services to efficiently create shopping experiences that attract, engage, and retain customers. The content manager 103 simplifies the tasks performed by content authors, business users, and application developers.

Recommendation Engine 105

The recommendation engine 105 is a further application that is integrated with the storefront 105 to predict an individual shopper's preferences and make specific real-time buying recommendations during a shopping session. The recommendation engine determines each individual's preferences by observing that individual's behavior. It monitors such as click-through; analyzes past behavior; and obtains responses to queries, such as asking a shopper to rate a number of relevant items. Pooling this information with knowledge gained from a community of other individuals, the engine can makes buying recommendations with high predictive accuracy. The prototype system preferably employs the Oracle iMarketing application to provide personalized recommendations to the users, such as displaying the best selling items in the store, displaying popular items in each store section, displaying similar items bought by other users based on the items the current user has placed in his or her shopping cart.

Advertising Manager 107

The advertising manager application which forms part of the prototype system enables the site to deliver targeted advertising. The advertising manager functions are preferably performed by the AdManager and ProfileServer applications. AdManager presents automatically presents different advertising content in different sections of the store the user is browsing and works with ProfileServer which develops user profiles in real time so that the advertising which is presented to

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the user is customized based on visitor's demonstrated interests while preserving the anonymity and privacy of the visitor.

Analysis and Reporting Module 109

During each shopping session, the prototype captures the user's behavior in log files indicated at 111 in Fig. 1. The log files 113 are then processed by the analysis and reporting module 109 to analyze the behavior of the site visitors and to provide useful management reports that can be used to provide the insight needed to improve the site's performance. The preferred prototype system integrate the functions provided b the Net Genesis NetAnalysis application to provide the desired analysis and reporting functions.

The Administration Menu System 111

The Administration Menu System 111 is a web based user interface that provides store employees with additional store management functionality to complement the basic management functionality provided by iStore, and to provide a unified mechanism for managing the other applications that are integrated with the storefront 101 to form the prototype systems.

The administration menu is password protected so that only authorized users can access its functions. As used here, the term Auser@ refers to employees, supervisors and administrators for a particular store which employs the combined functionality provided by the prototyped system. The user initially accesses the administration store system by entering a specific URL which then prompts the user to enter the correct user name and password. If the user name and password is valid, the user will see an "Admin Menu" screen which displays links to the following options (1) manage content, (2) manage users, or (3) manage products. This page can serve as the home Page for all

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administrative functions on the store. It provides links to all the third party products as well as to the iStore Store Manager page.

Content management functions allow users to create new product reviews or articles. The content can be optionally associated with a URL, an image and one or more keywords. The keywords are used to classify content and personalize it to consumers based on their preferences. After the content is entered, the user can click on a "start" button which will save the data to the database and begin a workflow process to obtain necessary approvals, etc as described below. Content previously saved can be located by performing a search for the title or part of the title. Once located, the user can select the content specified by the title for viewing and editing.

When content is created or edited, it goes through a pre-defined workflow. The workflow steps are:

- (1) a given content item is created, or existing content is edited.
- (2) the content item is displayed on a store supervisor or administrator's tasklist which is divided into two portions: the top portion consists of a status list of all the content currently in the system and the bottom portion consists of a list of all content currently in workflow. The status list specifies the title of the content, its type, its status in the workflow process (ready to launch, live or expired, and potential actions that can be taken with respect to the item (launch content, change status to live or expired, etc.).
- (3) The Store Supervisor/Administrator will click on "Edit" under the Edit column to review the content, make any necessary changes, and save the content.
 - (4) The Store Supervisor/Administrator will click on "Finish" under the Action column.
 - (5) The Store Administrator will click on "Launch" under the Action column.

(6) The Store Administrator may click on "Expire" under the Action column to remove the content from the live site. Note: Store products are not be subject to the workflow.

The Amanage users@ option on the main administrative menu permits the user to perform a search of a specific user. When the search results are displayed, the person managing users can the click on the diser of interest to bring up the user description page. This page includes means for changing the password for the selected user.

The administrative menu system 111 provides product management tools. The Find Product function in the Administration Menu uses iStore's PowerSearch functionality to allow a Store Employee/Supervisor/Administrator find a product from the iStore tables. Results will be displayed in a window below the search fields and the user can double-click a product in order to edit its information. A Retrieve/Edit/Submit Product Information option reveals a screen that allows attributes of the product retrieved from the step above) to be changed by Store Employees, Supervisors, and Administrators. The attributes that can be changed include product name, label, description, image and manufacturer.

The manage accounts option on the administrative menu permits the user to search for particular faccounts. Search results will be returned in a window and the Employee / Supervisor / Administrator can scroll through a list of matching accounts and double-click on the one they want to manage. Double clicking on an account opens a new window where the user will be able to enter a new password and must type the same password in a "Verify Password" field. If the passwords match it will be changed to the new password.

A link in the manage accounts screen takes the user to the AdManager application that allows the user to create AdCampaigns. Based on the criteria set in these ad campaigns, the AdManager will randomly serve these ads on the Store pages.

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A further link takes the user to NetAnalysis reporting that allows the user to choose the types of reports that need to be generated and run them on the Store log files.

An additional link takes the Store Administrator/ Supervisor to the iStore Manager page provided by iStore for regular store management.

Deploying the Prototype

As noted earlier, the rapid deployment and initialization of a complete system which combines the functionality provided by the several integrated applications is achieved through the use of operating system script files which automatically installs the various packaged software products, as purchased from each software vendor.

Performance improvements may be made by utilizing a middle tier approach in which the database functions are handled on one server and one or more application servers are used for the various integrated applications. When this approach is used, a separate installation is performed for each application. Note that the Oracle Application Server and Vignette require the presence of the Apache Web server which means these combinations must be installed and kept together on whatever server is chosen. An installation could potentially have separate application servers for iStore and Vignette.

While there are a number of files that make up the set of scripts required to clone the prototype system on the source machine, the actual number of files which must be executed by the system administrator to install a new iPrototype Storefront consists only of one file: setup.sh. The setup.sh script will prompt the user for all the necessary information to complete the installation using the cloning scripts. It is assumed that user has first performed the proper pre-installation tasks and is

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familiar with the process before setup.sh is executed to call the proper scripts based on the answers provided to prompts.

Part IV of the Appendix contains a full list of all the Required Setup Information prompted by the setup.sh script. A first time install can usually use the default values that have been supplied. Part V of the Appendix contains an explanation of the supporting shell scripts and other files which comprise the cloning scripts and may be called by the setup.sh script, or by a script which was called by that script. It is not necessary to fully understand exactly how the cloning scripts work, but this is explained here for the interested user.

There are three main reasons for using the automated Acloning method of installation contemplated by the present invention, rather than using the standard installation procedure for the each of the products which comprise the iPrototype Storefront: to perform the installation more rapidly, to improve consistency, and to automate the integration of the various application program which form the online sales system.

There is a significant time savings with this method as opposed to performing a standard install for each product. As described above, there are several different products which comprise the iPrototype Storefront. The total installation time for all of them using conventional procedures would typically be measured in hours or more likely days when they are separately installed. In contrast, installation time for all products using the cloning approach can be measured in minutes on most machines.

In addition to the time saving of cloning versus a standard install for each product, the installer also saves a more substantial amount of time integrating the products. The files used in the cloning process are based on a working iPrototype Storefront. All products have already been integrated and are working together. This is a substantial time savings measured in days or more likely even in

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weeks. Finally, after running the cloning scripts, the installer is assured of an integrated system that is working together properly.

To execute an installation, the user need merely perform the following steps:

- 1. Ensure that all files in the target system have a good backup.
- Completed the pre installation steps and know the answers to the questions you will be asked by the cloning scripts.
- 3. Log in to the target machine as root.
- 4. Execute setup.sh.
- 5. Answer the questions properly for the target's specific environment

As previously mentioned, the iPrototype Storefront Cloning scripts perform a complete install by essentially copying an existing Storefront that has been fully integrated and is fully functional onto your machine. The initial iPrototype Storefront system integrating the various components is first installed and tested at a source installation. A copy of the necessary files for cloning this source installation is contained in the tar files from the installation media. The cloning scripts themselves are written and tested in at the source installation.

The task of Acopying@ a storefront to another machine is by no means a simple copy of source prototype's files from one machine to another. There are numerous files which contain site specific information which will not function properly in a new environment. The task of Acloning@ must therefore not only make a copy of all files, it must then reconfigure the appropriate files to contain the proper information for the new environment.

The deployment method is illustrated in Fig. 2 of the drawings. A main script file calls a series of application specific script files as illustrated at 201. Each subscript or set of subscripts performs the installation of a particular application module and issues prompts to the installer

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indicating needed configuration data values and option choices as illustrated at 205 and accepts the values provided in response as indicate at 207.

This reconfiguration is achieved using a set of template files, which are reconfigured for the new environment. This set of template files consist of every file for all applications which contain any site specific configuration information. The template file is almost but not quite an exact copy of the original file from which it is based. Any site specific information has been replaced with a predefined string. This predefined string can be identified and located by the cloning scripts, which will then replace this string with a new value which is the actual value specific for the new machine hosting the new storefront site. These new values are derived from questions answered by the installer when he or she runs the setup script and are posted as illustrated at 209 in Fig. 2. There are dozens of files which must be edited and reconfigured, which means there are dozens of questions posed in the initial setup phase. The content of each of these template files is listed in the Appendix.

In addition to templates files, there are SQL scripts which must run to update information in the database to complete the reconfiguration. Proper execution of the iPrototype cloning scripts should result in a working storefront. The storefront and supporting server applications should be working and should include the applications selected when executing the cloning scripts.

Conclusion

It is to be understood that the methods and apparatus that have been described are merely illustrative applications of the principles of the present invention. Numerous modifications may be made by those skilled in the art without departing from the true spirit and scope of the invention.

Appendix to Specification

for

Methods and Apparatus for Implementing Internet Storefronts to Provide Integrated Functions nvented by

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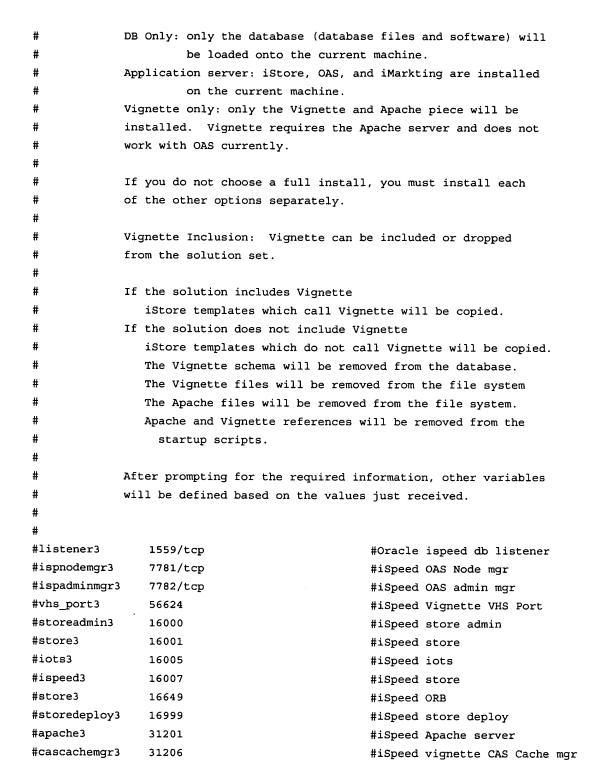
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```
#!/bin/ksh
# Filename: setup.sh
# Author:
             Robert Wessa
# Parameters:
                    None
# Description:
                    This file will prompt the user for the necessary input
             parameters to run the iPrototype installation.
             This file will prompt you for directory, port number,
             username, etc., information. Please note the following two key
             items.
             Install type: (Full, DB only, iStore/OAS/iMarketing only,
             Vignette only).
             The installation has the ability to load everything on one
             server or split it into a multitier architecture, consisting
             of a database tier, application server/iStore/iMarketing tier,
             and a Vignette tier.
             iStore, OAS and iMarketing must be on the same server. They
             can be included with the database on one central server or
             loaded separately onto a middle tier applications server.
             If the install type is
             Full:
                      all products will be installed
```

#casplcmgr3

#castmplmgr3

#caspaggen3



31207

31208

31209

#iSpeed vignet CAS placement mgr

#iSpeed vignett CAS template mgr

#iSpeed vignette CAS page gener

```
#cmsserver3
              31210
                                         #iSpeed vignette CMS Server
#netp4
              9350
                                         #Net Perception
# -----
# Revision History
                Who
                           Why
# 01/31/2000 rwessa
                      Initial create date
# ========= Begin Main Program ==============================
date
# determine the installation type
# we can install everything on the current machine, just the database,
# or just the OAS/iStore/iMarketing piece.
# we do loop through until we get a valid response (F,I or D) to this question
ans ok="N"
#echo starting while
while [ \$ans ok\$ = \$N\$ ]
export INSTALL_TYPE=F
echo
echo "Please specify 1 of the 4 installation types to be performed."
echo " Vignette/Apache only(V)"
echo " iStore/OAS/iMarketing only(I)"
echo " Database only (D) "
echo " Full solution set(F)"
echo " Exit installer without installing anything(X)"
echo "Please select one of the above (V,I,D,F, X) [$INSTALL TYPE]"
read ans
if [ $ans ] ; then
 INSTALL_TYPE=`echo ${ans} | tr "[a-z]" "[A-Z]"`
 if [ "$INSTALL_TYPE" = "V" ] ; then
   ans ok="Y"
 elif [ "$INSTALL_TYPE" = "I" ] ; then
   ans ok="Y"
 elif [ "$INSTALL_TYPE" = "D" ] ; then
   ans ok="Y"
 elif [ "$INSTALL_TYPE" = "F" ] ; then
   ans_ok="Y"
```

```
elif [ "$INSTALL TYPE" = "X" ] ; then
    ans_ok="Y"
    echo "Installing terminated, no installation tasks performed."
    exit
  else
    echo
    echo Please answer V,I,D,F or X. $INSTALL_TYPE is an invalid response.
    ans_ok="N"
  fi
 else
    ans_ok="Y"
 fi
done
# determine if we will include Vignette in the solution set
# we do loop through until we get a valid response (Y or N) to this question
ans_ok="N"
#echo starting while
while [ \$ans_ok" = "N" ]
 INCLUDE_VIGNETTE=Y
 echo "Will Vignette be part of the solution set (Y or N) [$INCLUDE_VIGNETTE]"
 read ans
 if [ $ans ] ; then
  INCLUDE_VIGNETTE=`echo ${ans} | tr "[a-z]" "[A-Z]"`
  if [ "$INCLUDE_VIGNETTE" = "Y" ] ; then
    ans ok="Y"
  elif [ "$INCLUDE_VIGNETTE" = "N" ] ; then
    ans ok="Y"
  else
    echo
    echo Please answer Y or N, $INCLUDE_VIGNETTE is an invalid response.
    ans ok="N"
 fi
 else
    ans_ok="Y"
 fi
done
export SHOWDBG="NO"
echo "Would you like to see debugging information (YES/NO? [$SHOWDBG]"
read ans
if [ $ans ] ; then
```

```
SHOWDBG=$ans
fi
# obtain general information
export INSTALL_HOME="`pwd`"
echo "Enter the installation home directory[$INSTALL HOME]"
read ans
if [ $ans ] ; then
INSTALL_HOME=$ans
fi
export USER_BASE_DIR=/u08/users
echo "Enter the base user home directory [$USER_BASE_DIR]"
read ans
if [ $ans ] ; then
USER_BASE DIR=$ans
export BASE DIR=/u08/app
echo "Enter the base applications directory [$BASE_DIR]"
read ans
if [ $ans ] ; then
BASE_DIR=$ans
fi
# obtain previous installation information
export OLD_HOSTNAME=dallsoluctrsv01
echo "Enter the old hostname [$OLD HOSTNAME]"
read oh
if [ $oh ] ; then
 OLD_HOSTNAME=$oh
fi
export OLD_ORACLE_SID=ISP01
#export OLD_ORACLE_SID=FITS
echo "Enter the old ORACLE_SID [$OLD_ORACLE_SID]"
read oos
if [$oos]; then
OLD_ORACLE SID=$00s
   #export OLD_APACHE_BASE=454
export OLD_APACHE_BASE=65
```

```
echo "Enter the old Apache Base number [$OLD APACHE BASE]"
read oab
if [ $oab ] ; then
  OLD_APACHE_BASE=$oab
fi
# obtain new user information
export ORACLE=sp0lora
echo "Enter the Oracle OS username [$ORACLE]"
read ou
if [ $ou ] ; then
  ORACLE=$ou
fi
export APACHE=sp01ap
echo "Enter the apache OS username [$APACHE]"
if [ $au ] ; then
 APACHE=$au
fi
export ICS=sp0lics
echo "Enter the iStore OS username [$ICS]"
read iu
if [ $iu ] ; then
 ICS=$iu
fi
export NETP=sp01np
echo "Enter the Net Perceptions OS username [$NETP]"
read ans
if [ $ans ] ; then
 NETP=$ans
fi
#export OLD_ORACLE_NP_BASE=/u02/app/fitsnp
export OLD_ORACLE_NP_BASE=/u05/app/isp01ora
echo "Enter the old Net Perceptions base directory [$OLD_ORACLE_NP_BASE]"
read ans
if [ $ans ] ; then
 OLD_ORACLE_NP_BASE=$ans
fi
#
```

```
export VIGNETTE=sp01vg
echo "Enter the Vignette OS username [$VIGNETTE]"
read ans
if [ $ans ] ; then
 VIGNETTE=$ans
fi
   #export CAS PORT OLD="45440"
export CAS_PORT_OLD="6540"
echo "Enter the old Vignete CAS Port [$CAS_PORT_OLD]"
read ans
if [ $ans ] ; then
 CAS_PORT_OLD=$ans
#export ORACLE VGN BASE OLD="/u02/app/fitsvg"
export ORACLE_VGN_BASE_OLD="/u05/app/isp01vg"
echo "Enter the old Vignete base directory [$ORACLE_VGN BASE OLD]"
read ans
if [ $ans ] ; then
 ORACLE_VGN_BASE_OLD=$ans
fi
export GROUPNAME=dba
echo "Enter the new Group name for these users [$GROUPNAME]"
read ans
if [ $ans ] ; then
 GROUPNAME=$ans
fi
export ORACLE_SID=SP01
#create a lower case and upper case version, both are needed
export oracle_sid=`echo $ORACLE_SID | tr "[A-Z]" "[a-z]"`
ORACLE_SID=`echo $ORACLE SID | tr "[a-z]" "[A-Z]"`
echo "Enter the new ORACLE_SID [$ORACLE SID]"
read ans
if [ $ans ] ; then
 ORACLE_SID=`echo $ans | tr "[a-z]" "[A-Z]"`
 oracle_sid=`echo $ans | tr "[A-Z]" "[a-z]"`
fi
export ORACLE BASE=$BASE DIR/$ORACLE
echo "Enter the location for your ORACLE_BASE [$ORACLE_BASE]"
read ans
```

```
if [ $ans ] ; then
  ORACLE_BASE=$ans
export ORACLE_HOME=$ORACLE BASE/product/805
echo "Enter the location for your ORACLE_HOME [$ORACLE_HOME]"
read ans
if [ $ans ] ; then
 ORACLE_HOME=$ans
fi
export ORACLE_OAS_BASE=$BASE DIR/$ICS
echo "Enter the location for your ORACLE_OAS_BASE [$ORACLE OAS BASE]"
read ans
if [ $ans ] ; then
 ORACLE_OAS_BASE=$ans
export ORACLE OAS PROD BASE=$ORACLE OAS BASE/product/OAS4081
echo "Enter the location for your ORACLE_OAS_PROD_BASE [$ORACLE_OAS_PROD_BASE]"
read ans
if [ $ans ] ; then
 ORACLE_OAS_PROD_BASE=$ans
fi
export OAS_SITE_NAME=$ORACLE_SID
echo "Enter your new OAS_SITE_NAME [$OAS_SITE NAME]"
read ans
if [ $ans ] ; then
  OAS_SITE_NAME=$ans
fi
#
# obtain Vignette information
export OAS_SITE_NAME_OLD=$OLD_ORACLE_SID
echo "Enter your old OAS_SITE_NAME [$OAS_SITE_NAME OLD]"
read ans
if [ $ans ] ; then
  OAS_SITE_NAME OLD=$ans
fi
export ORACLE_VGN_BASE=$BASE_DIR/$VIGNETTE
echo "Enter the location for your Vignette base directory [$ORACLE_VGN_BASE]"
```

```
read ans
if [ $ans ] ; then
  ORACLE_VGN_BASE=$ans
fi
# obtain Apache information
export ORACLE_AP_BASE=$BASE_DIR/$APACHE
echo "Enter the location for your Apache base directory [$ORACLE_AP_BASE]"
read ans
if [ $ans ] ; then
  ORACLE AP BASE=$ans
fi
export APACHE_BASE=245
echo "Enter the Apache Ports Base #[$APACHE_BASE]"
read apacheb
if [ $apacheb ] ; then
 APACHE_BASE=$apacheb
fi
# obtain NetP information
export ORACLE_NP_BASE=$BASE_DIR/$NETP
echo "Enter the location for your Net Perceptions base directory [$ORACLE_NP_BASE]"
read ans
if [ $ans ] ; then
 ORACLE_NP_BASE=$ans
fi
#
   export NETP_PORT=${APACHE_BASE}35
echo "Enter the new Net Perceptions port # [$NETP_PORT]"
read np
if [ $np ] ; then
 NETP_PORT=$np
fi
# obtain DB file information
export DB_ROOT_DIR=/u08/oradata
echo "Enter the parent Oracle database file directory[$DB_ROOT_DIR]"
```

```
read ans
if [ $ans ] ; then
 DB_ROOT_DIR=$ans
export DB_DATA_DIR=${DB_ROOT_DIR}/$ORACLE_SID
echo "Enter the base Oracle database file directory[$DB DATA DIR]"
read ans
if [ $ans ] ; then
 DB_DATA_DIR=$ans
export DB_HOSTNAME="`hostname`"
echo "Enter the database server hostname if different [$DB_HOSTNAME]"
read ans
if [ $ans ] ; then
  DB_HOSTNAME=$ans
fi
# obtain environment information
export DOMAIN=us.oracle.com
echo "Enter the new domain [$DOMAIN]"
read dom
if [$dom]; then
 DOMAIN=$dom
fi
export proxyserver=www-proxy.us.oracle.com
echo "Enter the new proxy server [$proxyserver]"
read ps
if [ $ps ] ; then
 proxyserver=$ps
fi
export proxyport=80
echo "Enter the new proxy port [$proxyport]"
read pp
if [ $pp ] ; then
 proxyport=$pp
fi
# obtain OAS information
```

```
export OAS_BASE=245
echo "Enter the OAS Ports Base # [$OAS_BASE]"
read oasb
if [ $oasb ] ; then
  OAS_BASE=$oasb
fi
export OAS_NODE_PORT=${OAS_BASE}12
echo "Enter your OAS_NODE_PORT [$OAS NODE PORT]"
read ans
if [ $ans ] ; then
  OAS_NODE_PORT=$ans
fi
export OAS_NODE=${OAS_NODE_PORT}
echo "Enter the new OAS Node port number [$OAS_NODE]"
read oasn
if [$oasn]; then
 OAS NODE=$oasn
fi
export TNS_PORT=${OAS_BASE}37
echo "Enter the new TNS Port number [$TNS PORT]"
read tnsp
if [ $tnsp ] ; then
 TNS_PORT=$tnsp
fi
export VHS_PORT=${OAS_BASE}36
echo "Enter the VHS Port number [$VHS_PORT]"
read vhsp
if [ $vhsp ] ; then
 VHS_PORT=$vhsp
fi
export OAS_ORB_BASE=${OAS_BASE}14
echo "Enter the OAS ORB Base [$OAS_ORB_BASE]"
read oasob
if [ $oasob ] ; then
 OAS_ORB_BASE=$oasob
fi
```

```
export OAS_ADMIN=${OAS_BASE}13
echo "Enter the new OAS Admin port # [$OAS ADMIN]"
read oasa
if [ $oasa ] ; then
OAS_ADMIN=$oasa
fi
# obtain tar file information
#export TAR_DIR=/u14/cdimage/iPrototype/WithoutEMU
export TAR_DIR=/u13/stage/SellingPoint.com
echo "Enter the directory location containing the TAR files [STAR_DIR]"
read tdir
if [ $tdir ] ; then
 TAR_DIR=$tdir
export ORACLETS FILE=oraclets.tar.Z
echo "Enter the Oracle technology stack tar file [$ORACLETS_FILE] "
read ans
if [ $ans ] ; then
 ORACLETS_FILE=$ans
fi
export ORADATA_FILE=oradata.tar.Z
echo "Enter the Oracle data tar file [$ORADATA FILE] "
read ans
if [ $ans ] ; then
 ORADATA_FILE=$ans
fi
export MIDTIER_FILE=middletier.tar.Z
echo "Enter the Middle Tier tar file [$MIDTIER FILE] "
read ans
if [ $ans ] ; then
 MIDTIER FILE=$ans
fi
export NETP_FILE=netp.tar.Z
echo "Enter the Net Perceptions tar file [$NETP FILE] "
read ans
if [ $ans ] ; then
```

```
NETP FILE=$ans
       fi
       export APACHE_FILE=apache.tar.Z
       echo "Enter the Apache tar file [$APACHE_FILE] "
       read ans
       if [ Sans ] ; then
         APACHE_FILE=$ans
       fi
       export VIGNETTE_FILE=vignette.tar.Z
       echo "Enter the Vignette tar file [$VIGNETTE_FILE] "
       read ans
       if [ $ans ] ; then
        VIGNETTE FILE=$ans
=
       fi
# Need to know db usernames
       export DB_USER NETP=netp
       echo "Enter the Net P Database username[$DB_USER_NETP] "
       read ans
Ē
       if [ $ans ] ; then
ij
       DB USER NETP=$ans
::
       fi
-
-1
export DB_PW_NETP=netp
       echo "Enter the Net P Database password [$DB_PW NETP] "
       read ans
       if [ $ans ] ; then
        DB_PW_NETP=$ans
       fi
       # ###################
       #export STARTUP_LOCATION=$USER_BASE_DIR/$ORACLE
       export STARTUP_LOCATION=$INSTALL_HOME/startup
       echo "Enter the directory in which to place startup scripts [$STARTUP_LOCATION] "
       read ans
       if [ $ans ] ; then
        STARTUP_LOCATION=$ans
       fi
       export LOGDIR=$INSTALL HOME/log
       echo "Enter the directory to write installation log files [$LOGDIR] "
       read ans
```

```
if [ $ans ] ; then
LOGDIR=Sans
fi
export SUMMARY FILE=$LOGDIR/summary.log
echo "Enter the summary file name [$SUMMARY FILE] "
read ans
if [ $ans ] ; then
SUMMARY FILE=$ans
fi
export INSTALL_LOGFILE=$LOGDIR/install.log
echo "Enter the installation log file name [$INSTALL LOGFILE] "
read ans
if [ $ans ] ; then
INSTALL_LOGFILE=$ans
# need $TOOLS DIR for previous version compatibility
TOOLS_DIR="shouldnotbeused"; export TOOLS_DIR
HOSTNAME= hostname | tr "[a-z]" "[A-Z]" ; export HOSTNAME
hostname='echo ${HOSTNAME} | tr "[A-Z]" "[a-z]" ; export hostname
IP_ADDRESS=`grep ${hostname} /etc/hosts | awk '{print $1}'`; export IP_ADDRESS
ORACLE_SID=`echo ${ORACLE_SID} | tr "[a-z]" "[A-Z]"` ; export ORACLE_SID
oracle_sid=`echo ${ORACLE_SID} | tr "[A-Z]" "[a-z]"` ; export oracle_sid
OLD_ORACLE_SID=`echo ${OLD_ORACLE_SID} | tr "[a-z]" "[A-Z]" ; export OLD_ORACLE_SID
old_oracle_sid=`echo ${OLD_ORACLE_SID} | tr "[A-Z]" "[a-z]"` ; export old_oracle_sid
domain=`echo ${DOMAIN} | tr "A-Z" "[a-z]"` ; export domain
#export ORACLE_HOME="${ORACLE_BASE}/oracle/product/8.0.5" ; export
logged_user=`id | cut -c7-10` ; export logged_user
old_hostname=`echo ${OLD_HOSTNAME} | tr "[A-Z]" "[a-z]"` ; export old_hostname
PORT_LISTENER="$TNS PORT"
                           ; export PORT_LISTENER #Oracle ispeed db listener
PORT_NODEMGR=" "
                   ; export PORT NODEMGR
                                               #iSpeed OAS Node mgr
PORT_ADMINMGR=" "
                   ; export PORT_ADMINMGR
                                               #iSpeed OAS admin mgr
PORT_STOREADMIN=" " ; export PORT_STOREADMIN #iSpeed store admin
PORT_STORE=" "
                ; export PORT_STORE
                                               #iSpeed store
PORT IOTS=" "
                ; export PORT IOTS
                                               #iSpeed iots
PORT_ISPEED=" "
                ; export PORT ISPEED
                                               #iSpeed store
#PORT ORB="16649"
                   ; export
                                     #iSpeed ORB
PORT_ORB=" "
              ; export PORT_ORB
                                                #iSpeed ORB
PORT_STOREDEPLOY="storedeploy3"; export PORT_STOREDEPLOY #16999 #iSpeed store deploy
```

```
PORT APACHE="${APACHE_BASE}01"; export PORT APACHE
                                                                  #apache3 iSpeed Apache
PORT CAS_CACHEMGR="${APACHE_BASE}06" ; export PORT_CAS_CACHEMGR #vignette CAS Cache mgr
PORT_CAS_PLCMGR="${APACHE_BASE}07"; export PORT CAS PLCMGR
                                                                 #vignette CAS placement
PORT_CAS_TPMLMGR="${APACHE_BASE}08"; export PORT CAS TPMLMGR
                                                                 #vignette CAS template
PORT_CAS_PAGGEN="${APACHE_BASE}09" ; export PORT_CAS_PAGGEN
                                                                 #vignette CAS page gener
PORT_CMS_SERVER="${APACHE_BASE}10" ; export PORT_CMS_SERVER
                                                                 #CMS Server
PORT_VHS_PORT="${APACHE_BASE}11" ; export PORT VHS PORT
                                                                 #Vignette VHS Port"
PORT_NETP=" " ; export PORT NETP
                                                                 #Net Perception
CAS_PORT_OLD="$CAS_PORT_OLD" export CAS_PORT_OLD
                                                      #old Port needed to delete old
ORACLE_VGN_BASE_OLD="$ORACLE_VGN_BASE_OLD" ; export ORACLE_VGN_BASE_OLD #old Vignette
directory needed to delete CAS
# Now save settings to summary file for review
echo " " > $SUMMARY_FILE
echo "# Current Settings" >> $SUMMARY FILE
echo " " >> $SUMMARY FILE
echo "INSTALL_HOME=$INSTALL_HOME ; export INSTALL_HOME" >> $SUMMARY_FILE
echo "USER_BASE_DIR=$USER_BASE_DIR ; export USER BASE DIR" >> $SUMMARY FILE
echo "ORACLE_SID=$ORACLE_SID ; export ORACLE SID" >> $SUMMARY FILE
echo "ORACLE_BASE=$ORACLE_BASE ; export ORACLE_BASE" >> $SUMMARY FILE
echo "OLD_HOSTNAME=$OLD_HOSTNAME ; export OLD_HOSTNAME" >> $SUMMARY_FILE
echo "old_hostname=$old_hostname ; export old_hostname" >> $SUMMARY_FILE
echo "OLD_ORACLE_SID=$OLD_ORACLE_SID ; export OLD_ORACLE_SID" >> $SUMMARY_FILE
echo "OLD_APACHE_BASE=$OLD_APACHE BASE ; export OLD APACHE BASE" >> $SUMMARY FILE
echo "TOOLS_DIR=$TOOLS_DIR ; export TOOLS DIR" >> $SUMMARY FILE
echo "DB_ROOT_DIR=$DB_ROOT_DIR ; export DB_ROOT DIR" >> $SUMMARY FILE
echo "DB_DATA_DIR=$DB_DATA_DIR ; export DB DATA DIR" >> $SUMMARY FILE
echo "ORACLE=$ORACLE ; export ORACLE" >> $SUMMARY FILE
echo "APACHE=$APACHE ; export APACHE" >> $SUMMARY FILE
echo "ICS=$ICS ; export ICS" >> $SUMMARY_FILE
echo "NETP=$NETP ; export NETP" >> $SUMMARY_FILE
echo "VIGNETTE=$VIGNETTE ; export VIGNETTE" >> $SUMMARY FILE
echo "GROUPNAME=$GROUPNAME ; export GROUPNAME" >> $SUMMARY FILE
echo "BASE_DIR=$BASE_DIR ; export BASE_DIR" >> $SUMMARY_FILE
echo "ORACLE_BASE=$ORACLE_BASE ; export ORACLE_BASE" >> $SUMMARY_FILE
echo "ORACLE_OAS_BASE=$ORACLE_OAS_BASE ; export ORACLE_OAS_BASE" >> $SUMMARY_FILE
echo "ORACLE_OAS_PROD_BASE=$ORACLE_OAS_PROD_BASE ; export ORACLE_OAS_PROD_BASE" >>
$SUMMARY_FILE
echo "OAS_NODE_PORT=$OAS_NODE_PORT ; export OAS_NODE_PORT" >> $SUMMARY_FILE
```

```
echo "OAS_SITE_NAME=$OAS_SITE_NAME ; export OAS SITE NAME" >> $SUMMARY FILE
echo "OAS_SITE_NAME_OLD=$OAS_SITE_NAME_OLD ; export OAS_SITE_NAME_OLD" >> $SUMMARY_FILE
echo "ORACLE_VGN_BASE=$ORACLE_VGN_BASE ; export ORACLE_VGN_BASE" >> $SUMMARY_FILE
echo "ORACLE_VGN_BASE_OLD=$ORACLE_VGN_BASE OLD ; export ORACLE VGN BASE OLD" >>
$SUMMARY FILE
echo "ORACLE_AP_BASE=$ORACLE AP BASE ; export ORACLE AP BASE" >> $SUMMARY FILE
echo "ORACLE_NP_BASE=$ORACLE_NP_BASE ; export ORACLE_NP_BASE" >> $SUMMARY_FILE
echo "OLD_ORACLE_NP_BASE=$OLD_ORACLE NP_BASE export OLD ORACLE NP_BASE" >> $SUMMARY FILE
echo "DB_ROOT_DIR=$DB_ROOT_DIR ; export DB ROOT DIR" >> $SUMMARY FILE
echo "DOMAIN=$DOMAIN ; export DOMAIN" >> $SUMMARY_FILE
echo "domain=$domain ; export domain" >> $SUMMARY FILE
echo "proxyserver=$proxyserver ; export proxyserver" >> $SUMMARY FILE
echo "proxyport=$proxyport ; export proxyport" >> $SUMMARY FILE
echo "OAS_NODE=$OAS_NODE ; export OAS_NODE" >> $SUMMARY FILE
echo "OAS_ADMIN=$OAS_ADMIN ; export OAS ADMIN" >> $SUMMARY FILE
echo "NETP_PORT=$NETP_PORT ; export NETP_PORT" >> $SUMMARY FILE
echo "OAS_BASE=$OAS_BASE ; export OAS BASE" >> $SUMMARY FILE
echo "APACHE_BASE=$APACHE_BASE ; export APACHE BASE" >> $SUMMARY FILE
echo "OAS_ORB_BASE=$OAS_ORB_BASE ; export OAS ORB_BASE" >> $SUMMARY FILE
echo "TNS_PORT=$TNS_PORT ; export TNS_PORT" >> $SUMMARY FILE
echo "VHS_PORT=$VHS_PORT ; export VHS PORT" >> $SUMMARY FILE
echo "HOSTNAME=$HOSTNAME ; export HOSTNAME" >> $SUMMARY FILE
echo "hostname=$hostname ; export hostname" >> $SUMMARY_FILE
echo "IP_ADDRESS=$IP_ADDRESS ; export IP_ADDRESS" >> $SUMMARY FILE
echo "ORACLE_SID=$ORACLE_SID ; export ORACLE SID" >> $SUMMARY FILE
echo "oracle_sid=$oracle_sid ; export oracle_sid" >> $SUMMARY_FILE
echo "OLD_ORACLE_SID=$OLD_ORACLE_SID ; export OLD_ORACLE_SID" >> $SUMMARY_FILE
echo "old_oracle_sid=$old_oracle_sid ; export old_oracle_sid" >> $SUMMARY_FILE
echo "ORACLE_HOME=$ORACLE HOME ; export ORACLE HOME" >> $SUMMARY FILE
echo "logged_user=$logged_user ; export logged_user" >> $SUMMARY_FILE
echo "INCLUDE_VIGNETTE=$INCLUDE VIGNETTE ; export INCLUDE VIGNETTE" >> $SUMMARY FILE
echo "INSTALL_TYPE=$INSTALL_TYPE ; export INSTALL TYPE" >> $SUMMARY FILE
echo "TAR_DIR=$TAR DIR ; export TAR DIR" >> $SUMMARY FILE
echo "ORACLE_TS_FILE=$ORACLETS_FILE ; export ORACLE_TS_FILE" >> $SUMMARY FILE
echo "ORADATA_FILE=$ORADATA_FILE ; export ORADATA_FILE" >> $SUMMARY_FILE
echo "MIDTIER_FILE=$MIDTIER_FILE ; export MIDTIER_FILE" >> $SUMMARY FILE
echo "NETP_FILE=$NETP_FILE ; export NETP FILE" >> $SUMMARY FILE
echo "APACHE_FILE=$APACHE_FILE ; export APACHE_FILE" >> $SUMMARY_FILE
echo "VIGNETTE_FILE=$VIGNETTE_FILE ; export VIGNETTE FILE" >> $SUMMARY FILE
echo "DB_USER_NETP=$DB_USER_NETP ; export DB_USER_NETP" >> $SUMMARY FILE
echo "DB_PW_NETP=$DB_PW_NETP ; export DB_PW_NETP"
                                                                 >> $SUMMARY FILE
echo "PORT_LISTENER=$PORT_LISTENER ; export PORT_LISTENER" >> $SUMMARY_FILE
```

```
echo "PORT NODEMGR=$PORT NODEMGR ; export PORT NODEMGR"
                                                              >> $SUMMARY FILE
echo "PORT_ADMINMGR=$PORT_ADMINMGR ; export PORT ADMINMGR"
                                                              >> $SUMMARY_FILE
echo "PORT_STOREADMIN=$PORT STOREADMIN ; export PORT STOREADMIN" >> $SUMMARY FILE
echo "PORT_STORE=$PORT_STORE ; export PORT_STORE"
                                                               >> $SUMMARY_FILE
echo "PORT_IOTS=$PORT_IOTS ; export PORT_IOTS"
                                                               >> $SUMMARY FILE
echo "PORT_ISPEED=$PORT_ISPEED ; export PORT_ISPEED"
                                                               >> $SUMMARY FILE
echo "PORT ORB=$PORT ORB ; export PORT ORB"
                                                               >> $SUMMARY FILE
echo "PORT_STOREDEPLOY=$PORT_STOREDEPLOY; export PORT_STOREDEPLOY" >> $SUMMARY_FILE
echo "PORT APACHE=$PORT APACHE ; export "
                                                    >> $SUMMARY_FILE
echo "PORT_CAS_CACHEMGR=$PORT CAS CACHEMGR ; export PORT CAS CACHEMGR" >> $SUMMARY FILE
echo "PORT_CAS_PLCMGR=$PORT_CAS_PLCMGR ; export PORT_CAS_PLCMGR" >> $SUMMARY FILE
echo "PORT_CAS_TPMLMGR=$PORT_CAS_TPMLMGR; export PORT_CAS_TPMLMGR" >> $SUMMARY FILE
echo "PORT_CAS_PAGGEN=$PORT_CAS_PAGGEN ; export PORT_CAS_PAGGEN" >> $SUMMARY_FILE
echo "PORT_CMS_SERVER=$PORT_CMS SERVER ; export PORT CMS SERVER" >> $SUMMARY FILE
echo "PORT_VHS_PORT=$PORT_VHS_PORT ; export PORT_VHS_PORT" >> $SUMMARY FILE
echo "PORT_NETP=$PORT_NETP ; export PORT_NETP" >> $SUMMARY FILE
# findme
echo "CAS_PORT_OLD=$CAS_PORT_OLD ; export CAS PORT OLD #old Port needed to delete old
CAS" >> $SUMMARY FILE
echo "ORACLE_VGN_BASE_OLD=$ORACLE_VGN_BASE_OLD ; export ORACLE_VGN_BASE_OLD #old Vignette
directory needed to delete CAS" >> $SUMMARY_FILE
echo "LOGDIR=$LOGDIR ; export LOGDIR" >> $SUMMARY FILE
echo "STARTUP_LOCATION=$STARTUP_LOCATION ; export STARTUP_LOCATION" >> $SUMMARY_FILE
echo "INSTALL_TYPE=$INSTALL_TYPE ; export INSTALL_TYPE" >> $SUMMARY_FILE
echo INSTALL LOGFILE=$INSTALL LOGFILE >> $SUMMARY FILE
echo SUMMARY_FILE=$SUMMARY FILE >> $SUMMARY FILE
echo " "
cat $SUMMARY FILE
echo " "
# now start installation
# we do loop through until we get a valid response (Y or N) to this question
ans ok="N"
while [ "$ans ok" = "N" ]
START_INSTALL=Y
echo
echo Answer Y to start install, N to rerun setup, or X to exit.
echo "Start installation using these values (Y/N/X)"
read START_INSTALL
```

```
START_INSTALL=`echo ${START_INSTALL} | tr "[a-z]" "[A-Z]"`
  if [ "$START_INSTALL" = "Y" ] ; then
    ans_ok="Y"
  elif [ "$START_INSTALL" = "N" ] ; then
    ans_ok="Y"
  elif [ "$START_INSTALL" = "X" ] ; then
    ans_ok="Y"
    echo "Installation aborted. "
    exit
  else
    echo
   echo Please answer Y or N. $START_INSTALL is an invalid response.
   ans_ok="N"
  fi
done
# Call main installation script or rerun setup
#
if [ "$START_INSTALL" = "Y" ] ; then
 . $INSTALL_HOME/main.sh
else
  . $INSTALL_HOME/setup.sh
fi
$INSTALL_HOME/echodbg.sh "`date` setup.sh completed." 2
```

```
#!/bin/ksh
      # Filename:
                  unTar
      # Description: Shell script to copy the TAR files from the TAR DIR to the
                  TOOLS_DIR and expand them.
      # Written by: Bob Wessa 9/13/1999
                  Northeast eBusiness Center
                  Oracle Corporation
      # Revision History
      # Date
                Who
                            Why
      # 2/7/2000 rwessa Updated for iPrototype Phase II
                      Add ability to untar only certain pieces
      # -----
echo " entering unTar.sh ..."
      echo "Untarring files for install_type=$INSTALL TYPE"
      echo
      echo "TAR file directory: " $TAR DIR
      echo " Install Source directory:
                                        $TAR_DIR "
      echo " Target Base directory:
                                        $BASE DIR "
      echo " Target DataBase file root directory: $DB_ROOT_DIR "
Ħ
      echo " Target DataBase file directory: $DB_DATA_DIR "
::
      #
-1
===
      echo ORACLE_BASE=$ORACLE_BASE
echo ORACLE_OAS_BASE=$ORACLE_OAS BASE
W
      echo ORACLE_VGN_BASE=$ORACLE VGN BASE
echo DB_ROOT_DIR=$DB_ROOT_DIR
      if [ "$INSTALL_TYPE" = "D" ]
                                ; then
      . $INSTALL_HOME/unTar_db.sh
      # end of if $INSTALL_TYPE=D
      fi
      if [ "$INSTALL_TYPE" = "I" ] ; then
```

```
. $INSTALL_HOME/unTar_i.sh
# end of if $INSTALL_TYPE=I
if [ "$INSTALL_TYPE" = "V" ]
                      ; then
. $INSTALL_HOME/unTar_vgn.sh
# end of if $INSTALL_TYPE=V
fi
if [ "$INSTALL_TYPE" = "F" ]
                      ; then
. $INSTALL_HOME/unTar_db.sh
. $INSTALL_HOME/unTar_i.sh
. $INSTALL_HOME/unTar_vgn.sh
# end of if $INSTALL_TYPE=F
fi
```

```
#!/bin/ksh
# Filename
                 install_db.sh
# Author
                 RWessa
# Date
                 2/7/2000
# Description
                 Main installation script for iPrototype
                 Called be setup, which prompts for proper
                 user input.
# Parameters None
# Usage
                 This scripts SHOULD NOT be called directly.
                 Instead, you should call setup, answer
                 the necessary questions, and let setup
                 call this script.
# Revision History
# Date
                 Who
                             Why
# 01/31/2000 rwessa
                       Initial create date
# ***************
# Do not edit this file.
# ****************
$INSTALL_HOME/echodbg.sh " entering install_db.sh ..." 2
$INSTALL_HOME/echodbg.sh " " 2
if [ "$INSTALL_TYPE" = "D" ] | [ "$INSTALL TYPE" = "F" ] ; then
$INSTALL_HOME/echodbg.sh " starting database install for INSTALL_TYPE=$INSTALL_TYPE ..."
$INSTALL_HOME/echodbg.sh "Running scripts to untar database files" 2
$INSTALL HOME/unTar db.sh
# $INSTALL HOME/echodbg.sh ""
# $INSTALL_HOME/echodbg.sh "Running scripts to create links needed for proper operation"
#. $INSTALL_HOME/setLinks_db.sh
$INSTALL_HOME/echodbg.sh "Creating database user $ORACLE. Be sure to set the password."
$INSTALL HOME/echodbg.sh ""
. $INSTALL HOME/createUsers db.sh
```

```
# $INSTALL HOME/echodbg.sh "Removing old SCCS files"
# $INSTALL_HOME/echodbg.sh " "
#. $INSTALL_HOME/fixSCCS.sh
 $INSTALL_HOME/echodbg.sh " " 4
 $INSTALL_HOME/echodbg.sh "Set file ownership to the proper users" 4
. $INSTALL_HOME/setOwners db.sh
 $INSTALL_HOME/echodbg.sh "Create the oratab entry ..." 4
 $INSTALL_HOME/echodbg.sh " "
. $INSTALL_HOME/setOratab.sh
 $INSTALL_HOME/echodbg.sh "Create initialization scripts" 4
 $INSTALL HOME/echodbg.sh " "
. $INSTALL_HOME/setInit.sh
 $INSTALL_HOME/echodbg.sh "Set thsnames.ora and listener.ora parameters" 4
 $INSTALL_HOME/echodbg.sh " "
. $INSTALL_HOME/setNet_db.sh
 $INSTALL_HOME/echodbg.sh "Configure the database and rebuild the control files" 4
 $INSTALL_HOME/echodbg.sh "Ignore copy error messages if file is being moved to the same
location" 4
 $INSTALL HOME/echodbg.sh " "
. $INSTALL_HOME/configureDB.sh
# $INSTALL HOME/echodbq.sh "Shutdown database"
# $INSTALL_HOME/echodbg.sh " "
#su - ${ORACLE} -c "stopDB${oracle sid}"
#su - ${ORACLE} -c "stopNET${oracle_sid}"
#read ans? "hit enter to continue "
# $INSTALL_HOME/echodbg.sh "Clean up the file system"
# $INSTALL_HOME/echodbg.sh " "
#. $INSTALL_HOME/cleanupScripts.sh
#read ans?"hit enter to continue "
# $INSTALL_HOME/echodbg.sh "Startup ispeed instance"
# $INSTALL_HOME/echodbg.sh " "
#/etc/rc3.d/S90${oracle sid}
#read ans? "hit enter to continue "
```

fi

```
# $INSTALL_HOME/echodbg.sh "Ports used by this instance ${oracle_sid}" >
$TOOLS_DIR/${oracle_sid}ports
# $INSTALL_HOME/echodbg.sh "OAS Node $OAS_NODE" >> $TOOLS_DIR/${oracle_sid}ports
# $INSTALL_HOME/echodbg.sh "OAS Admin $OAS_ADMIN" >> $TOOLS_DIR/${oracle_sid}ports
# $INSTALL_HOME/echodbg.sh "NetP $NETP_PORT" >> $TOOLS_DIR/${oracle_sid}ports
# $INSTALL_HOME/echodbg.sh "OAS Base $OAS_BASE" >> $TOOLS_DIR/${oracle_sid}ports
# $INSTALL_HOME/echodbg.sh "Apache Base $APACHE_BASE" >> $TOOLS_DIR/${oracle_sid}ports
# $INSTALL_HOME/echodbg.sh "OAS ORB Base $OAS_ORB_BASE" >> $TOOLS_DIR/${oracle_sid}ports
# $INSTALL_HOME/echodbg.sh "TNS Listener $TNS_PORT" >> $TOOLS_DIR/${oracle_sid}ports
# $INSTALL_HOME/echodbg.sh "Change passwords"
# $INSTALL_HOME/echodbg.sh "change passwords"
# $INSTALL_HOME/echodbg.sh " "
# $INSTALL_HOME/echodbg.sh " "
```

```
#!/bin/ksh
# Filename
            install full.sh
# Author
            RWessa
# Date
                   2/7/2000
# Description
                   installation script for iPrototype
             Called by main, and installs all components
             of iPrototype on the same machine.
# Parameters None
# Usage
                   This script SHOULD NOT be called directly.
             Instead, you should call setup, answer
            the necessary questions, and let setup
             call main which calls this script.
            This script will in turn call the installation
             script for each iPrototype component.
# Do not edit this file.
# ****************
. $INSTALL_HOME/echodbg.sh " entering install_full.sh ..."
if [ "$INSTALL_TYPE" = "F" ] ; then
. $INSTALL HOME/echodbg.sh " starting install for INSTALL TYPE=F ..."
echo "Performing full installation procedure ..."
. $INSTALL_HOME/install_db.sh
. $INSTALL_HOME/install_i.sh
. $INSTALL_HOME/install_vgn.sh
else
echo "install_full.sh was called incorrectly: INSTALL_TYPE=$INSTALL_TYPE"
fi
exit
```

```
#!/bin/ksh
# Filename
                 install_i.sh
# Author
                 RWessa
# Date
                 2/7/2000
                 Main installation script for iPrototype
# Description
                 components iStore, OAS, and iMarketing and
                 Net Perceptions.
                  Called by setup->main.
                  which prompts for proper user input.
# Parameters None
# Usage
                 This scripts SHOULD NOT be called directly.
                 Instead, you should call setup, answer
                  the necessary questions, and let this
                  script be called
#
# *****************
# Do not edit this file.
# ****************
$INSTALL_HOME/echodbg.sh " entering install i.sh ..." 1
if [ "$INSTALL_TYPE" = "I" ] || [ "$INSTALL TYPE" = "F" ] ; then
$INSTALL_HOME/echodbg.sh "Performing iStore/OAS/iMarketing install for
INSTALL_TYPE=$INSTALL_TYPE ... 2
$INSTALL_HOME/echodbg.sh "Running scripts to untar middle tier setup files" 4
. $INSTALL_HOME/unTar_i.sh
$INSTALL_HOME/echodbg.sh "Running scripts to create links needed for proper operation" 4
. $INSTALL_HOME/setLinks_i.sh
$INSTALL_HOME/echodbg.sh "Running createUsers_i.sh ..." 4
. $INSTALL HOME/createUsers i.sh
$INSTALL_HOME/echodbg.sh "running setOwners_i.sh" 4
. $INSTALL HOME/setOwners i.sh
```

```
narna e eenara
```

fi

```
#. $INSTALL_HOME/setInit
$INSTALL_HOME/echodbg.sh "running setNet_i.sh" 4
. $INSTALL_HOME/setNet_i.sh
$INSTALL_HOME/echodbg.sh "running configureOAS.sh" 4
. $INSTALL_HOME/configureOAS.sh
$INSTALL_HOME/echodbg.sh "running configureNetp.sh" 4
. $INSTALL_HOME/configureNetp.sh
$INSTALL_HOME/echodbg.sh "running configureICS.sh" 4
. $INSTALL_HOME/configureICS.sh
#echo "Update Netp and startup database and listener"
#echo " "
#. $INSTALL_HOME/updateNetp
#su - ${ORACLE} -c "startNET${oracle_sid}"
#echo "Shutdown database"
#echo " "
#su - ${ORACLE} -c "stopDB${oracle_sid}"
#su - ${ORACLE} -c "stopNET${oracle_sid}"
#echo "Clean up the file system"
#echo " "
#. $INSTALL_HOME/cleanupScripts
#echo "Startup ispeed instance"
#echo " "
#/etc/rc3.d/S90${oracle_sid}
#. $INSTALL_HOME/setPasswords_i.sh
```

```
#!/bin/ksh
      # Filename:
                       unTar_db.sh
      # Description:
                       Shell script to unTar complete database (datafiles and code)
      # Written by:
                       Bob Wessa 9/13/1999
                      Northeast eBusiness Center
                       Oracle Corporation
      # Revision History
      # Date
                 Who
                             Why
      # 2/7/2000
                 rwessa
                             Updated for iPrototype Phase II
                             Add ability to untar only certain pieces
      # 8/27/2000 rwessa modified to use zcat command instead of tar -z option
      # -----
echo " entering unTar db.sh ..."
      date > $LOGDIR/unTar db.log
ΙЩ
      if [ "$INSTALL_TYPE" = "D" ] || [ "$INSTALL TYPE" = "F" ] ; then
==
      # make sure proper directories exist
=
if [ -s "$BASE_DIR" ]
ليا
       then
       echo "The directory $BASE_DIR already exists."
       echo " $BASE_DIR will be created."
       mkdir -p $BASE_DIR
      # exit 2
       fi
       if [ -s "$DB_DATA_DIR" ]
       then
        echo "The directory $DB_DATA_DIR already exists."
       else
        echo " $DB_DATA_DIR will be created."
       mkdir -p $DB_DATA_DIR
        #exit 3
       fi
```

```
if [ -s "$ORACLE BASE" ]
 echo "The directory $ORACLE_BASE already exists."
else
 echo " $ORACLE_BASE will be created."
 mkdir -p $ORACLE_BASE
# exit 2
 fi
echo "untarring db files $TAR_DIR/$ORADATA_FILE to ${DB_DATA_DIR} ..."
cd ${DB_DATA_DIR}
pwd >> $LOGDIR/unTar db.log
echo "untarring tar -xvzf $TAR DIR/$ORADATA FILE" >> $LOGDIR/unTar db.log
 #use zcat command instead of tar -z which does not always work
 #tar -xvzf $TAR_DIR/$ORADATA_FILE >> $LOGDIR/unTar_db.log
 zcat $TAR_DIR/$ORADATA_FILE | tar -xvf - >>$LOGDIR/unTar_db.log
echo "untarring Oracle technology file ${TAR_DIR}/${ORACLETS_FILE} to ${ORACLE_BASE}..."
cd ${ORACLE_BASE}
pwd >> $LOGDIR/unTar_db.log
echo "untarring tar -xvzf ${TAR_DIR}/${ORACLETS_FILE}" >> $LOGDIR/unTar_db.log
 #use zcat command instead of tar -z which does not always work
 #tar -xvzf ${TAR_DIR}/${ORACLETS_FILE} >> $LOGDIR/unTar_db.log
 zcat ${TAR_DIR}/${ORACLETS_FILE}| tar -xvf - >> $LOGDIR/unTar db.log
# end of if $INSTALL_TYPE=D
fi
```

```
#!/bin/ksh
             unTar vgn.sh
# Filename:
# Description: Shell script to unTar Vignette code and Apache listener
              Vignette requires Apache and therefore these two products
#
             are handled together.
#
# Written by:
                 Bob Wessa 9/13/1999
                 Norhteast eBusiness Center
                 Oracle Corporation
# Revision History
# Date
            Who
                        Why
# 2/7/2000 rwessa
                       Updated for iPrototype Phase II
                       Add ability to untar only certain pieces
# 8/27/2000 rwessa modified to use zcat command instead of tar -z option
echo " entering unTar_vgn.sh ..."
date
date > $LOGDIR/unTar vgn.log
# Vignette and Apache must be installed together
if [ "$INSTALL_TYPE" = "V" ] || [ "$INSTALL_TYPE" = "F" ] ; then
# make sure proper directories exist
# check the existence of the base Vignette directory and create if needed
 if [ -s "$ORACLE_VGN_BASE" ]
then
 echo "The directory $ORACLE VGN BASE already exists."
 echo " $ORACLE_VGN_BASE will be created."
 mkdir -p $ORACLE_VGN_BASE
 #exit 3
 fi
# check the existence of the base Apache directory and create if needed
 if [ -s "$ORACLE AP BASE" ]
then
 echo "The directory $ORACLE AP BASE already exists."
```

```
else
  echo " $ORACLE AP BASE will be created."
 mkdir -p $ORACLE_AP_BASE
 #exit 3
 fi
echo "Untarring files for install_type=$INSTALL_TYPE"
echo " TAR file directory:
                                        $TAR_DIR"
echo " Install Source directory:
                                        $INSTALL HOME"
echo " Vignette source TAR file:
                                        $VIGNETTE_FILE "
echo " Apache source TAR file:
                                        $APACHE FILE "
echo " Target Vignette Base directory: $ORACLE_VGN_BASE"
echo " Target Apache Base directory:
                                        SORACLE_AP_BASE"
# extract Vignette
echo "untarring Vignette file $VIGNETTE_FILE to ${ORACLE_VGN_BASE} ..."
cd ${ORACLE VGN BASE}
pwd >> $LOGDIR/unTar_vgn.log
 echo "untarring tar -xvzf $TAR DIR/$VIGNETTE FILE" >> $LOGDIR/unTar vgn.log
 #use zcat command instead of tar -z which does not always work
 #tar -xvzf $TAR_DIR/$VIGNETTE_FILE >> $LOGDIR/unTar vgn.log
 zcat $TAR_DIR/$VIGNETTE_FILE | tar -xvf - >> $LOGDIR/unTar_vgn.log
# extract Apache
 echo "untarring Apache file ${TAR_DIR}/${APACHE_FILE} to ${ORACLE_AP_BASE} ..."
cd ${ORACLE_AP_BASE}
pwd >> $LOGDIR/unTar vgn.log
 echo "untarring tar -xvzf ${TAR_DIR}/${APACHE FILE}" >> $LOGDIR/unTar vgn.log
 #use zcat command instead of tar -z which does not always work
 #tar -xvzf ${TAR_DIR}/${APACHE FILE} >> $LOGDIR/unTar vgn.log
 zcat ${TAR_DIR}/${APACHE_FILE} | tar -xvf - >> $LOGDIR/unTar_vgn.log
# end of if $INSTALL_TYPE=V
fi
```

```
#!/bin/ksh
# Routine to setup the oratab files for iStore
              Oracle Corporation
if [ -a /var/opt/oracle/oratab ]
then
  if [ `grep -ci "$ORACLE_SID:" /var/opt/oracle/oratab` -eq 0 ]
  then
  echo "$ORACLE_SID:$ORACLE_HOME:Y" >> /var/opt/oracle/oratab
  else
  echo " "
 grep -i "$ORACLE_SID:" /var/opt/oracle/oratab
  echo "WARNING: The /var/opt/oracle/oratab already contains the above entry for "
  echo "..... this instance. Verify that the oratab file is the correct. "
 echo " "
  fi
else
 mkdir /var/opt/oracle
 echo "$oracle_sid:$ORACLE_HOME:Y" > /var/opt/oracle/oratab
chgrp $GROUPNAME /var/opt/oracle/oratab
chmod 664 /var/opt/oracle/oratab
```

```
#!/bin/ksh
# Routine to setup the listener and thsnames files for iStore
# Written by: Lane Findley 8/1/99
            Oracle Corporation
# Date
           Who
# 2/10/2000 rwessa
                       Modified to use new variables for iPrototype
                        Phase II
echo " A listener.ora file is being created. If you have more"
echo " than one database on the system, check the listener.ora"
echo " file for accuracy."
echo " "
cat << EOF > /tmp/listener.ora
${ORACLE_SID} =
  (ADDRESS_LIST =
       (ADDRESS= (PROTOCOL= IPC) (KEY= ${ORACLE SID}))
       (ADDRESS= (PROTOCOL= TCP) (Host= ${hostname}) (Port= ${TNS_PORT}))
SID_LIST_${ORACLE_SID} =
 (SID_LIST =
   (SID_DESC =
     (ORACLE HOME= ${ORACLE HOME})
     (SID_NAME = ${ORACLE_SID})
   )
   (SID_DESC =
     (SID_NAME = extproc)
     (ORACLE_HOME = ${ORACLE_HOME})
     (PROGRAM = extproc)
   )
 )
EOF
cp /tmp/listener.ora "${ORACLE_HOME}/network/admin/listener.ora"
cat << EOF > "${ORACLE_HOME}/network/admin/tnsnames.ora"
```

```
::
|=
⊨
```

```
extproc connection data =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = IPC) (KEY = ${oracle sid}))
    (CONNECT_DATA = (SID = extproc))
${oracle_sid} =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL= TCP) (Host= ${hostname}.${domain}) (Port= ${TNS_PORT}))
    (CONNECT_DATA = (SID = ${oracle_sid}))
${oracle_sid}_BEQ =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = BEQ) (PROGRAM = ${ORACLE HOME})
               (argv0 = oracle${oracle_sid})
               (args = '(DESCRIPTION = (LOCAL=YES) (ADDRESS=(PROTOCOL=BEQ)))')
               (envs = 'ORACLE_HOME=${ORACLE_HOME},ORACLE_SID=${oracle_sid}')
EOF
# create links so that there is only one set of tnsnames.ora and listener.ora files
#rm "$TOOLS_DIR/oracle/product/ics/network/admin/listener.ora"
#rm "$TOOLS_DIR/oracle/product/ics/network/admin/tnsnames.ora"
#ln -s \
# "$TOOLS_DIR/oracle/product/8.0.5/network/admin/listener.ora" \
# "$TOOLS_DIR/oracle/product/ics/network/admin/listener.ora"
#ln -s \
# "$TOOLS_DIR/oracle/product/8.0.5/network/admin/tnsnames.ora" \
# "$TOOLS_DIR/oracle/product/ics/network/admin/tnsnames.ora"
```

```
#!/bin/ksh
# Filename:
             unTar_i.sh
# Description: Shell script to unTar OAS, iStore and IMarketing
# Written by:
                  Bob Wessa 9/13/1999
                Northeast eBusiness Center
                  Oracle Corporation
# Revision History
# Date
           Who
                        Why
# 2/7/2000 rwessa
                        Updated for iPrototype Phase II
                        Add ability to untar only certain pieces
# 8/27/2000 rwessa modified to use zcat command instead of tar -z option
$INSTALL_HOME/echodbg.sh "`date` entering unTar_i.sh " 1
if [ "$INSTALL_TYPE" = "I" ] | [ "$INSTALL_TYPE" = "F" ] ; then
$INSTALL_HOME/echodbg.sh "Untarring Middle Tier files for install type=$INSTALL TYPE" 2
 $INSTALL HOME/echodbg.sh " Tar File Source directory:
                                                        $TAR DIR " 2
 $INSTALL_HOME/echodbg.sh " Source TAR file:
                                                        $MIDTIER FILE " 2
 $INSTALL_HOME/echodbg.sh " Target OAS and iStore Destination directory:
$ORACLE_OAS_BASE" 2
$INSTALL_HOME/echodbg.sh " Target NP Destination directory: $ORACLE_NP_BASE" 2
if [ -s "$ORACLE_OAS_BASE" ]
then
 $INSTALL_HOME/echodbg.sh "The directory $ORACLE_OAS_BASE already exists and will be
used." 2
else
 $INSTALL_HOME/echodbg.sh " $ORACLE_OAS_BASE will be created." 2
 mkdir -p $ORACLE_OAS_BASE
# exit 2
fi
if [ -s "$ORACLE NP BASE" ]
```

```
then
  $INSTALL_HOME/echodbg.sh "The directory $ORACLE_NP_BASE already exists and will be
used." 2
 else
 $INSTALL_HOME/echodbg.sh " $ORACLE_NP_BASE will be created." 2
 mkdir -p $ORACLE_NP_BASE
 fi
 $INSTALL_HOME/echodbg.sh "untarring middle tier files ${TAR DIR}/${MIDTIER FILE} to
$ORACLE_OAS_BASE ..." 2
cd $ORACLE_OAS_BASE
 $INSTALL_HOME/echodbg.sh "pwd='pwd'" 1
 $INSTALL_HOME/echodbg.sh "untarring tar -xvzf $TAR_DIR/$MIDTIER_FILE" 1
 #use zcat command instead of tar -z which does not always work
 #tar -xvzf $TAR_DIR/$MIDTIER_FILE >> $LOGDIR/unTar_i.log
 zcat $TAR_DIR/$MIDTIER_FILE | tar -xvf - >> $LOGDIR/unTar i.log
 $INSTALL_HOME/echodbg.sh "untarring NetP files ${TAR_DIR}/${NETP_FILE} to
SORACLE_NP BASE ..." 1
cd $ORACLE_NP_BASE
 $INSTALL_HOME/echodbg.sh "pwd=`pwd`" 1
$INSTALL_HOME/echodbg.sh "untarring tar -xvzf $TAR DIR/$NETP FILE" 1
 #use zcat command instead of tar -z which does not always work
 #tar -xvzf $TAR_DIR/$NETP_FILE >> $LOGDIR/unTar_i.log
 zcat $TAR_DIR/$NETP_FILE | tar -xvf - >> $LOGDIR/unTar_i.log
fi
```

```
#!/bin/ksh
# Filename
                   check_ports.sh
# Author
                   RWessa
# Date
                   2/7/2000
# Description
                   Scvript to check availability of ports for iPrototype setup.
                   Called by setup, which prompts for proper
                   user input.
# Parameters None
# Usage
                   This scripts SHOULD NOT be called directly.
                   Instead, you should call setup, answer
                   the necessary questions, and let setup
                   call this script.
# Do not edit this file.
# ***************
for i in `netstat -a |grep $hostname | cut -f5 -d. | cut -f1 -d" "`
if [ $OAS_NODE = $i ]
then
echo OAS_NODE $i port is already in use
#exit
elif [ $OAS_ADMIN = $i ]
then
echo OAS_ADMIN $i port is already in use
#exit
elif [ ${OAS_BASE}000 = $i ]
then
echo OAS_BASE $i port is already in use
#exit
elif [${APACHE\_BASE}201 = $i]
echo APACHE_BASE $i port is already in use
#exit
elif [${OAS_ORB_BASE}49 = $i]
then
```

```
echo OAS ORB BASE $i port is already in use
       #exit
       elif [ $TNS_PORT = $i ]
       then
       echo TNS_PORT $i port is already in use
       fi
       done
       for i in `netstat -a | grep LISTEN | cut -f2 -d. | cut -f1 -d" "`
       if [ $OAS_NODE = $i ]
       then
       echo OAS_NODE $i port is already in use
       #exit
       elif [ $OAS_ADMIN = $i ]
ı
       then
       echo OAS_ADMIN $i port is already in use
       #exit
elif [ \{OAS\_BASE\}000 = $i ]
       then
       echo OAS_BASE $i port is already in use
ij
       #exit
H
       elif [ \{APACHE\_BASE\}201 = $i ]
=
=
       echo APACHE_BASE $i port is already in use
#exit
ليا
elif [ \{OAS\_ORB\_BASE\}49 = $i ]
       echo OAS_ORB_BASE $i port is already in use
       #exit
       elif [ $TNS_PORT = $i ]
       echo TNS_PORT $i port is already in use
       #exit
       fi
       done
```

```
#!/bin/ksh
# Filename
                 check access.sh
# Author
                 RWessa
# Date
                 2/7/2000
# Description
                 Script called my main setup script for iPrototype.
                 Verifies that we have root access.
# Parameters None
# Usage
                 This scripts SHOULD NOT be called directly.
                 Instead, you should call setup, answer
                 the necessary questions, and let setup
                 call this script.
# Revision History
# Date
                 Who
                            Why
# 02/11/2000 rwessa
                      Initial create date
# ***************
# Do not edit this file.
# First run some necessary checks on the answers to the questions
echo "Checking for proper user privileges ..."
export logged_user=`id | cut -c7-10`
if [ $logged_user = 'root' ]
then
echo "You are running this script as root"
echo "You must run this script as root "
exit
fi
```

```
#!/bin/ksh
# Filename
                check_sid.sh
# Author
                RWessa
# Date
                2/7/2000
# Description
                Script called my main setup script for iPrototype.
                Verifies that we are not using the same ORACLE_SID which
                the iPrototype was initially developed under.
# Parameters None
# Usage
                This scripts SHOULD NOT be called directly.
                Instead, you should call setup, answer
                the necessary questions, and let setup
                call this script.
# Revision History
# Date
                Who
                            Why
# 02/11/2000 rwessa
                      Initial create date
# ****************
# Do not edit this file.
# ****************
# First run some necessary checks on the answers to the questions
echo "Checking for duplicate ORACLE SID usage ..."
if [ $oracle_sid = "$OLD_ORACLE_SID" ]
then
echo "Please do not use $ORACLE SID as the Oracle SID"
exit
fi
```

```
#!/bin/ksh
                 check setup.sh
# Filename
# Author
                 RWessa
# Date
                 2/7/2000
# Description
                 Script called my main setup script for iPrototype.
                 Displays final variable definitions for review.
# Parameters None
                 This scripts SHOULD NOT be called directly.
# Usage
                 Instead, you should call setup, answer
                 the necessary questions, and let setup
                 call this script.
# Revision History
# Date
                 Who
                             Why
# 02/11/2000 rwessa
                       Initial create date
# **********************
# Do not edit this file.
# ****************
echo " "
echo "The old tools directory from where the snapshot was taken is " \,
echo "set to $TOOLS_OLD_DIR"
echo "The old Hostname from where the snapshot was taken is " \,
echo "set to $OLD_HOSTNAME"
echo "The old ORACLE_SID from where the snapshot was taken is "
echo "set to $old oracle sid"
echo " "
echo " "
echo "The new tools directory has been set to $TOOLS DIR"
echo "The new database directory has been set to $DB DIR"
echo "The new ORACLE SID has been set to $oracle sid"
echo ""
echo "The owner of the Oracle files is $ORACLE"
echo "The owner of the Apache files is $APACHE"
echo "The owner of the ICS files is $ICS"
echo "The owner of the Vignette files is $VIGNETTE"
echo ""
echo "The host name was detected to be $hostname"
echo "The IP Address was detected to be $IP ADDRESS"
```

```
# LOGFILE is defined in setup.sh
#LOGFILE=/usr/local/maint/setupii/setup.log
#export LOGFILE
echo
echo Current Settings
echo ORACLE SID=$ORACLE SID >> $LOGFILE
echo ORACLE BASE-$ORACLE BASE
echo TOOLS_OLD_DIR=$TOOLS OLD DIR
echo OLD_HOSTNAME=$OLD HOSTNAME
echo OLD_ORACLE_SID=$OLD_ORACLE_SID
echo OLD_APACHE_BASE=$OLD APACHE BASE
echo TOOLS_DIR=$TOOLS DIR
echo DB DIR=$DB DIR
echo ORACLE=$ORACLE
echo APACHE=$APACHE
echo ICS=$ICS
echo VIGNETTE=$VIGNETTE
echo ORACLE_BASE=$ORACLE_BASE
echo ORACLE OAS BASE=$ORACLE OAS BASE
echo ORACLE_VGN_BASE=$ORACLE VGN BASE
echo DB ROOT DIR=$DB ROOT DIR
echo DOMAIN=$DOMAIN
echo proxyserver=$proxyserver
echo proxyport=$proxyport
echo OAS_NODE=$OAS_NODE
echo OAS_ADMIN=$OAS_ADMIN
echo NETP_PORT=$NETP_PORT
echo OAS_BASE=$OAS BASE
echo APACHE BASE=$APACHE BASE
echo OAS_ORB_BASE=$OAS_ORB_BASE
echo TNS_PORT=$TNS PORT
echo VHS_PORT=$VHS_PORT
echo HOSTNAME=$HOSTNAME
echo hostname=$hostname
echo IP_ADDRESS=$IP_ADDRESS
echo ORACLE_SID=$ORACLE_SID
echo oracle_sid=$oracle sid
echo OLD_ORACLE_SID=$OLD_ORACLE_SID
echo old_oracle_sid=$old_oracle sid
echo domain=$domain
echo ORACLE HOME=$ORACLE HOME
echo logged_user=$logged_user
echo INCLUDE_VIGNETTE=$INCLUDE_VIGNETTE
```

```
echo INSTALL_TYPE=$INSTALL_TYPE
echo TAR_DIR=$TAR_DIR
echo ORACLE_TS_FILE=$ORACLETS_FILE
echo ORADATA_FILE=$ORADATA_FILE
echo MIDTIER_FILE=$MIDTIER_FILE
echo NETP_FILE=$NETP_FILE
echo APACHE_FILE=$APACHE_FILE
```

echo VIGNETTE_FILE=\$VIGNETTE_FILE

read ans?"hit enter to continue or Ctrl C to quit "

```
#!/bin/ksh
# Routine to setup NetPerceptions for iSpeed
# Written by: Lane Findley 8/1/99
            Oracle Corporation
# -----
# Revision History
# 03-09-2000 rwessa Modified to work for iPrototype 2
                         Updated to use new variables
. $INSTALL_HOME/echodbg.sh "entering configureNetp.sh"
netp_source=$INSTALL HOME/templates/netp
netp_dest="$ORACLE_NP_BASE"
. $INSTALL_HOME/echodbg.sh "netp dest: $netp dest"
. $INSTALL_HOME/echodbg.sh "netp_source: $netp_source"
rm "$netp_dest/iona/ImpRep/NS.imp"
. $INSTALL_HOME/echodbg.sh "configuring $netp dest/config/S98orb"
cat "$netp source/$98orb" | \
  sed "s+O_R_A_C_L_E_S_I_D+{\sigma_sid}+g \mid cat \mid \
  sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g \
  > "$netp_dest/config/S98orb"
. $INSTALL_HOME/echodbg.sh "configuring $netp_dest/config/S99netp"
cat "$netp_source/S99netp" | \
  sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
  sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE NP BASE}+"g \
   > "$netp_dest/config/S99netp"
. $INSTALL_HOME/echodbg.sh "configuring $netp_dest/config/env.cfg"
cat "$netp_source/env.cfg" | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+N_E_T_P_P_O_R_T+${NETP_PORT}+"g | cat | \
  sed "s+N_P_D_B_U_S_E_R+$\{DB\_USER\_NETP\}+"g \mid cat \mid \
  sed "s+N_P_D_B_P_A_S_S+${DB PW NETP}+"g | cat | \
   sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g \
   > "$netp_dest/config/env.cfg"
```

```
. $INSTALL_HOME/echodbg.sh "configuring $netp_dest/config/shprofile"
cat "$netp source/cshprofile" | \
   sed "s+O_R_A_C_L E_O_A_S_B_A_S_E+${ORACLE OAS BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g \
   > "${netp_dest}/config/cshprofile"
. $INSTALL_HOME/echodbg.sh "configuring $netp_dest/config/shprofile"
cat "$netp_source/shprofile" | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g \
   > "$netp_dest/config/shprofile"
. $INSTALL_HOME/echodbg.sh "configuring $netp dest/iona/Orbix.cfq"
cat "$netp source/Orbix.cfg" | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g | cat | \
   sed "s+N_E_T_P_P_O_R_T+${NETP PORT}+"g | cat | \
   sed "s+D_O_M A I_N+${DOMAIN}+"g \
   > "$netp dest/iona/Orbix.cfg"
. $INSTALL_HOME/echodbg.sh "configuring $netp dest/iona/OrbixWeb.properties"
cat "$netp_source/OrbixWeb.properties" | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g | cat | \
   sed "s+D_O_M_A_I_N+${DOMAIN}+"g | cat | \
   sed "s+N_E_T_P_P_O_R_T+${NETP_PORT}+"g | cat | \
   sed "s+H_O_S T N A M E+${hostname}+"g \
   > "$netp_dest/iona/OrbixWeb.properties"
. $INSTALL_HOME/echodbg.sh "configuring $netp_dest/iona/Locator/Orbix.hosts"
cat "$netp_source/Orbix.hosts" | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+D_O_M_A_I_N+${DOMAIN}+"g | cat | \
   sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g \
   > "$netp_dest/iona/Locator/Orbix.hosts"
. $INSTALL_HOME/echodbg.sh "configuring $USER_BASE_DIR/${NETP}/update netp.sql"
cat "$netp_source/update_netp.sql" | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g | cat | \
```

```
sed "s+O_L_D_O_R_A_C_L_E_N_P_B_A_S_E+${OLD_ORACLE_NP_BASE}+"g | cat | \
sed "s+D_B_U_S_E_R_N_E_T_P+${DB_USER_NETP}+"g \
> "$USER_BASE_DIR/${NETP}/update_netp.sql"

# Discovered that we need to remove the old orb data for proper setup
# This data will be automatically generated if it doesn't exist, but
# interferes when it exists and the hostname has been changed.

`rm $netp_dest/iona/NamesRep/*`

# execute the update netp script just created under the netp user.
# The database and listener must be up and running for this to work
su - ${NETP} -c "sqlplus ${DB_USER_NETP}/${DB_PW_NETP}@${ORACLE_SID} @update_netp.sql"
```

```
#!/bin/ksh
echo "Attempting to run svrmgr to update Netp tables..."
#su - ${ORACLE} -c "
#ORACLE_SID=${ORACLE_SID}
#ORAENV_ASK=NO
#cat "${DB_DIR}/oradata/${oracle_sid}/cr${oracle_sid}ctrl.sql" | svrmgrl
#"
su - ${ORACLE} -c "
svrmgrl << EOF
connect internal
startup
connect D_B_U_S_E_R_N_E_T_P/D_B_P_W_N_E_T_P
@$USER_BASE_DIR/${NETP}/update_netp.sql
"
exit
EOF</pre>
```

```
#!/bin/ksh
# Filename: configureApache.sh
# Description:
                   Reconfigures the Apache listener for iPrototype
                   Once done, this script will start Apache by calling
                   the startApache script just created. Apache
                   must be up for the Vignette reconfiguration script
                   to work properly.
# Revision History
# Date
            Who
                             Why
# 03/07/2000 rwessa
                             Created for iPrototype Version 2
. $INSTALL_HOME/echodbg.sh "entering configureApache.sh " 2
grep loghost /etc/hosts
if [ "\$?" = 1 ] ; then
. $INSTALL_HOME/echodbg.sh "WARNING: You hosts file must have the following type of
entry" 2
. $INSTALL_HOME/echodbg.sh "...... ${IP_ADDRESS} ${hostname}.${DOMAIN} ${hostname}
loghost" 2
. $INSTALL_HOME/echodbg.sh "....." 2
. $INSTALL_HOME/echodbg.sh "...... Without this entry, httpd will not start." 2
. $INSTALL_HOME/echodbg.sh "...... You must make this entry and restart the
installation." 5
exit.
fi
apache_source=$INSTALL_HOME/templates/apache
apache_dest="$ORACLE AP BASE/conf"
. $INSTALL_HOME/echodbg.sh "Updating ${apache_dest}/access.conf" 4
cat "$apache_source/access.conf" | \
  sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
  sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
  sed "s+O_R_A_C_L_E_A_P_B_A_S_E+${ORACLE_AP_BASE}+"g | cat | \
  sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g \
   > "${apache_dest}/access.conf"
```

```
. $INSTALL_HOME/echodbg.sh "Updating ${apache dest}/srm.conf" 4
cat "$apache_source/srm.conf" | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_A_P_B_A_S_E+${ORACLE_AP_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g \
   > "${apache_dest}/srm.conf"
. $INSTALL_HOME/echodbg.sh "Updating ${apache_dest}/httpd.conf" 4
cat "$apache source/httpd.conf" | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_A_P_B_A_S E+${ORACLE AP BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE BASE}+"g \
   > "${apache dest}/httpd.conf"
. $INSTALL_HOME/echodbg.sh "Updating ${apache_dest}/../sbin/apachectl" 4
cat "$apache_source/apachectl" | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_A_P_B_A_S_E+${ORACLE_AP_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE VGN BASE}+"g \
   > "${apache_dest}/../sbin/apachectl"
. $INSTALL_HOME/echodbg.sh "Updating ${apache dest}/../sbin/apxs" 4
cat "$apache source/apxs" | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D_O_M_A I N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_A_P_B_A_S_E+${ORACLE_AP_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g \
   > "${apache_dest}/../sbin/apxs"
. $INSTALL_HOME/echodbg.sh "Starting apache..." 2
su - ${APACHE} -c "startApache"
echo " listing apache processes, should see httpd listener started." >> $INSTALL_LOGFILE
ps -ef | grep $APACHE >> $INSTALL LOGFILE
. $INSTALL_HOME/echodbg.sh "configureApache.sh completed." 2
```

```
#!/bin/ksh
# Filename: fixSCCS.sh
#
# This script calls the appropriate script to remove dangling links
# for SCCS embedded in the directories.
```

. \$INSTALL_HOME/fixSCCS_full.sh

fi

```
#!/bin/ksh
# Filename
                main.sh
# Author
                RWessa
# Date
                2/7/2000
# Description
                Main installation script for iPrototype
                Called be setup, which prompts for proper
                user input.
# Parameters None
# Usage
                This scripts SHOULD NOT be called directly.
                Instead, you should call setup, answer
                the necessary questions, and let setup
                call this script.
# Revision History
# Date
               Who
                           Why
# 01/31/2000 rwessa
                     Initial create date
#
# ****************
# Do not edit this file.
# ****************
#echo "Checking for proper user privileges ..."
#. $INSTALL_HOME/check_access.sh
#echo "Checking for duplicate ORACLE SID ..."
#. $INSTALL_HOME/check_sid.sh
#echo "checking availability of port numbers chosen ..."
#. $INSTALL HOME/check ports
#echo "Review environment variable setup ..."
. $INSTALL_HOME/check_setup.sh
if [ "$INSTALL_TYPE" = "F" ] ; then
. $INSTALL_HOME/install full.sh
fi
if [ "$INSTALL TYPE" = "D" ] ; then
. $INSTALL_HOME/install db.sh
```

```
if [ "$INSTALL_TYPE" = "V" ] ; then
   . $INSTALL_HOME/install_vgn.sh
fi

if [ "$INSTALL_TYPE" = "I" ] ; then
   . $INSTALL_HOME/install_i.sh
fi

$INSTALL_HOME/echodbg.sh "`date` main.sh completed." 2
```

```
#!/bin/ksh
# Filename: setNet i.sh
# Author:
           rwessa
           Oracle Corporation
# Description:
            This file will create the tnsnames.ora and listener.ora file
            needed in the network admin directory for the $ORACLE HOME
            for OAS.
#
            We no longer use links to create the OAS ORACLE_HOME version,
            since OAS and DB may now be on separate machines.
            Instead, create two identical files based on the same
            template, with separate create scripts for each. There is a
#
            corresponding setNet_db.sh script to create the tnsnames and
            listener files for the database ORACLE_HOME.
# Date
            Who
                         Why
# 4/19/2000 rwessa
                        Created.
echo " "
. $INSTALL_HOME/echodbg.sh "setNet_i.sh: Creating listener.ora and tnsnames.ora..."
cat ${INSTALL_HOME}/templates/oracle/listener.ora | \
  sed "s+T_N_S_P_O_R_T+$\{TNS_PORT\}+"g | cat | \
  sed "s+h_o_s_t_n_a_m_e+${hostname}+"g | cat | \
  sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g | cat | \
  sed "s+O_R_A_C_L_E_S_I_D+${ORACLE SID}+"g \
  > "${ORACLE_OAS_PROD_BASE}/network/admin/listener.ora"
chown ${ORACLE}:${GROUPNAME} "${ORACLE_OAS_PROD_BASE}/network/admin/listener.ora"
chown ${ORACLE}:${GROUPNAME} "${ORACLE OAS PROD BASE}/network/admin/listener.ora" >>
$scriptfile
cat ${INSTALL_HOME}/templates/oracle/tnsnames.ora | \
  sed "s+T_N_S_P_O R T+${TNS PORT}+"g | cat | \
  sed "s+d_o_m_a_i_n+${domain}+"g | cat | \
  sed "s+h_o s t n a m e+${hostname}+"g | cat | \
  sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE\_HOME}+"g \mid cat \mid \
  sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g \
  > "${ORACLE_OAS PROD_BASE}/network/admin/tnsnames.ora"
```

chown \${ORACLE}:\${GROUPNAME} "\${ORACLE_OAS_PROD_BASE}/network/admin/tnsnames.ora"
chown \${ORACLE}:\${GROUPNAME} "\${ORACLE_OAS_PROD_BASE}/network/admin/tnsnames.ora" >>
\$scriptfile

. \$INSTALL_HOME/echodbg.sh "setNet_i.sh: done"

```
#!/bin/ksh
# Filename: setLinks i.sh
# Author:
           Robert Wessa
           Northeast eBusiness Center
           Oracle Corporation
# Description:
# This script recreates the appropriate links
# within the middle tier directory structure for iPrototype to work after
# cloning.
# The cloning process will change the directory structure and
# and links must be recreated to match.
# Do not call this script directly. It should be called form the main
# setup.sh script.
# Revision History
# Date
# 03/14/2000 rwessa
                           Created
rm $ORACLE OAS PROD BASE/network/agent/library/libosm.so
ln -s $ORACLE_OAS_PROD_BASE/lib/libosm.so \
$ORACLE_OAS_PROD_BASE/network/agent/library/libosm.so
rm $ORACLE_OAS_PROD_BASE/ows/mesg/owsus.msb
ln -s $ORACLE_OAS_PROD_BASE/ows/4.0/mesg/owsus.msb \
$ORACLE_OAS PROD BASE/ows/mesg/owsus.msb
rm $ORACLE_OAS_PROD BASE/ows/mesg/owsus.msg
ln -s $ORACLE_OAS_PROD_BASE/ows/4.0/mesg/owsus.msg \
$ORACLE_OAS_PROD_BASE/ows/mesg/owsus.msg
# LTF 9/27/99 Suspect problem with link commands, and using the code below
# to be safe
rm $ORACLE_OAS_PROD_BASE/network/jrel1/lib/sparc/green_threads/libXm.so
$ORACLE_OAS_PROD_BASE/network/jrel1/lib/sparc/green_threads/libXm.so.3 \
$ORACLE_OAS_PROD_BASE/network/jrel1/lib/sparc/green_threads/libXm.so
```

#rm \$ORACLE_OAS_PROD_BASE/jre1.1.4/lib/sparc/green_threads/libXm.so
#ln -s \
#\$ORACLE_OAS_PROD_BASE/jre1.1.4/lib/sparc/green_threads/libXm.so.3 \
#\$ORACLE_OAS_PROD_BASE/jre1.1.4/lib/sparc/green_threads/libXm.so

```
#!/bin/ksh
# Filename
                  setOwners.sh
# Author
                  RWessa
# Date
                  2/7/2000
# Description
                  Master script to set ownership.
                  Calls proper script based on install_type
                  Called by iPrototype installation script.
# Parameters None
# Usage
                  This script SHOULD NOT be called directly.
                  Instead, you should call setup, answer
                  the necessary questions, and let this
                  be called at the proper time.
# Revision History
             who
                        why
# 02/10/2000 rwessa Created
# ****************
# Do not edit this file.
# ***************
if [ "$INSTALL_TYPE" = "D" ] ; then
  . $INSTALL_HOME/setOwners db.sh
fi
if [ "$INSTALL_TYPE" = "V" ] ; then
  . $INSTALL_HOME/setOwners_vgn.sh
fi
if [ "$INSTALL_TYPE" = "I" ] ; then
  . $INSTALL_HOME/setOwners_i.sh
fi
if [ "$INSTALL_TYPE" = "F" ] ; then
  . $INSTALL_HOME/setOwners_full.sh
fi
```

```
#!/bin/ksh
#Filename:
                    setInit.sh
# Routine to setup the the startup and shutdown scripts for iSpeed
# Written by: Lane Findley 8/1/99
              Oracle Corporation
. $INSTALL_HOME/echodbg.sh "Configuring $STARTUP LOCATION/S90${oracle_sid}"
cat ${INSTALL_HOME}/templates/init/S90ispeed | \
   sed "s+D_O_M A I N+${domain}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+{\sigma_sid}+g \mid cat \mid \
   sed "s+O_R_A_C_L_E_I_D+${ORACLE}+"g | cat | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+T_O_O_L_S_D_I_R+${TOOLS_DIR}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g > "$STARTUP LOCATION/S90${oracle sid}"
. $INSTALL_HOME/echodbg.sh "Configuring $STARTUP_LOCATION/K02${oracle_sid}"
cat ${INSTALL_HOME}/templates/init/K02ispeed | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
  sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_R_A C L E S I D+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_I_D+${ORACLE}+"g | cat | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+T_O_O_L_S_D_I_R+${TOOLS_DIR}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g > "$STARTUP LOCATION/K02${oracle sid}"
chmod +x "$STARTUP_LOCATION/S90${oracle sid}"
chmod +x "$STARTUP_LOCATION/K02${oracle_sid}"
```

fi

```
#!/bin/ksh
# Filename: setLinks_db.sh
# Author:
          Robert Wessa
          Northeast eBusiness Center
           Oracle Corporation
# Description:
# This script calls the appropriate scripts to recreate the appropriate links
# within the Oracle directory structure for iPrototype to work after cloning.
# The cloning process will change the directory structure and
# and links must be recreated to match.
# Do not call this script directly. It should be called form the main
# setup.sh script.
# Revision History
# Date
# 03/14/2000 rwessa
                         Created
if [ "$INSTALL_TYPE" = "D" ] ; then
 . $INSTALL_HOME/setLinks_db.sh
fi
if [ "$INSTALL_TYPE" = "I" ] ; then
 . $INSTALL HOME/setLinks i.sh
fi
if [ "$INSTALL TYPE" = "F" ] ; then
 . $INSTALL_HOME/setLinks_db.sh
 . $INSTALL_HOME/setLinks_i.sh
```

```
#!/bin/ksh
# Filename: configureDB.sh
# Description: Reconfigures a cloned database.
              This script should NOT be called directly but needs
#
               to be called from the main setup.sh installation script
               for iPrototype Version 2.
#
# Date
            Who
                         Why
# 2/10/2000 rwessa
                         Modified to use new variables for iPrototype
                         Phase II
. $INSTALL_HOME/echodbg.sh " entering configureDB.sh ... " 2
scriptfile=$INSTALL_LOGFILE
echo DB_DATA_DIR=$DB_DATA_DIR >> $scriptfile
ls -la $DB_DATA_DIR >> $scriptfile
date >> $scriptfile
set >> $scriptfile
echo " " >> $scriptfile
pwd >> $scriptfile
#mv "$DB_ROOT_DIR/${OLD_ORACLE_SID}" "${DB_DATA_DIR}/${ORACLE_SID}"
# echo mv "$DB_ROOT_DIR/${OLD_ORACLE_SID}" "${DB_DATA_DIR}/${ORACLE_SID}" >> $scriptfile
#chown "${ORACLE}":$GROUPNAME "${DB_DATA_DIR}/${ORACLE SID}"
# echo chown "${ORACLE}":$GROUPNAME "${DB_DATA_DIR}/${ORACLE_SID}" >> $scriptfile
mv "${ORACLE_BASE}/admin/${OLD_ORACLE_SID}" "${ORACLE_BASE}/admin/${ORACLE_SID}"
echo mv "${ORACLE_BASE}/admin/${OLD_ORACLE_SID}" "${ORACLE_BASE}/admin/${ORACLE_SID}" >>
$scriptfile
rm "${DB_DATA DIR}/rdol1${OLD ORACLE SID}.dbf"
echo rmstat $?"${DB_DATA_DIR}/rdo11${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR}/rdo12${OLD_ORACLE SID}.dbf"
echo rmstat $? "${DB_DATA_DIR}/rdo12${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR}/rdo${OLD ORACLE SID}13.dbf"
echo rmstat $? "${DB_DATA_DIR}/rdo13${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR}/rdo21${OLD_ORACLE_SID}.dbf"
echo rmstat $? "${DB_DATA_DIR}/rdo21${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR}/rdo22${OLD ORACLE SID}.dbf"
echo rmstat $? "${DB_DATA_DIR}/rdo22${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR}/rdo23${OLD_ORACLE_SID}.dbf"
```

```
echo rmstat $? "${DB DATA DIR}/rdo23${OLD ORACLE SID}.dbf" >> $scriptfile
rm "${DB DATA DIR}/ctl1${OLD ORACLE SID}.ctl"
 echo rmstat $? "${DB_DATA_DIR}/ctl1${OLD ORACLE SID}.ctl" >> $scriptfile
rm "${DB_DATA_DIR}/ctl2${OLD ORACLE SID}.ctl"
 echo rmstat $? "${DB_DATA_DIR}/ctl2${OLD_ORACLE_SID}.ctl" >> $scriptfile
cd "${DB DATA DIR}"
cd "${DB_DATA_DIR}" >> $scriptfile
pwd >> $scriptfile
for source in *.dbf
do
  destination='echo ${source} | sed "s/${OLD ORACLE SID}/${ORACLE SID}/"`
  if [ "${source}" != "${destination}" ]
  then
      echo "\tRenaming ${source} to ${destination}..." >> $scriptfile
      echo mv ${source} "${destination}" >> $scriptfile
      mv ${source} "${destination}"
      echo $? Move status for ${source} "${destination}" >> $scriptfile
  fi
  chown ${ORACLE}:$GROUPNAME "${destination}"
  chown ${ORACLE}:$GROUPNAME "${destination}" >> $scriptfile
done
. $INSTALL HOME/echodbg.sh "creating
${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/config${ORACLE_SID}.ora ..." 4
cat ${INSTALL_HOME}/templates/oracle/configDB.ora | \
   sed "s+D_B_D_A_T_A_D_I_R+${DB_DATA_DIR}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+O_R_A_C_L_E_B_A_S_E+${ORACLE_BASE}+"g \
   > "${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/config${ORACLE SID}.ora"
chown ${ORACLE}:$GROUPNAME
"${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/config${ORACLE_SID}.ora"
echo chown ${ORACLE}:$GROUPNAME
"${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/config${ORACLE SID}.ora" >> $scriptfile
ln -s "${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/config${ORACLE_SID}.ora" \
     "${ORACLE_HOME}/dbs/config${ORACLE_SID}.ora"
 echo ln -s "${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/config${ORACLE_SID}.ora" \
     "${ORACLE_HOME}/dbs/config${ORACLE_SID}.ora" >> $scriptfile
```

```
${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/init${ORACLE_SID}.ora" 4
cat ${INSTALL_HOME}/templates/oracle/initDB.ora | \
   sed "s+D_B_D_A_T_A_D_I_R+${DB_DATA_DIR}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+O_R_A_C_L_E_B_A_S_E+${ORACLE BASE}+"g \
   > "${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/init${ORACLE_SID}.ora"
chown ${ORACLE}:$GROUPNAME
"${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/init${ORACLE_SID}.ora"
 echo chown ${ORACLE}:$GROUPNAME
"${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/init${ORACLE SID}.ora" >> $scriptfile
ln -s "${ORACLE_BASE}/admin/${ORACLE_SID}/pfile/init${ORACLE_SID}.ora" \
     "${ORACLE HOME}/dbs/init${ORACLE SID}.ora"
 echo ln -s "{ORACLE\_BASE}/admin/{ORACLE\_SID}/pfile/init{ORACLE\_SID}.ora" \setminus ORACLE\_SID
     "${ORACLE HOME}/dbs/init${ORACLE SID}.ora" >> $scriptfile
. $INSTALL_HOME/echodbg.sh "creating ${DB_DATA_DIR}/cr${ORACLE_SID}ctrl.sql" 4
cat ${INSTALL_HOME}/templates/oracle/crctrl.sql | \
   sed "s+D_B_D_A_T A D I R+${DB DATA DIR}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+O_R_A_C_L_E_B_A_S_E+${ORACLE BASE}+"g \
   > "${DB_DATA_DIR}/cr${ORACLE_SID}ctrl.sql"
chown ${ORACLE}:$GROUPNAME "${DB DATA DIR}/cr${ORACLE SID}ctrl.sql"
# Use svrmgr to create new control files
. $INSTALL_HOME/echodbg.sh "Attempting to run svrmgr to create control files..." 4
su - ${ORACLE} -c "
ORACLE_SID=${ORACLE SID}
ORAENV ASK=NO
cat "${DB_DATA_DIR}/cr${ORACLE_SID}ctrl.sql" | svrmgrl
# Now start database and ths listener
su - ${ORACLE} -c "startDB${oracle sid}"
su - ${ORACLE} -c "startNET${oracle_sid}"
. $INSTALL_HOME/echodbg.sh "configureDB.sh completed." 2
```

```
#!/bin/ksh
#Filename:
                    setOwners_db.sh
#Author:
                    RWessa
#Description:
                    Sets proper ownership of Oracle files during
                    iPrototype installation.
#
                    Do not call this script directly. Instead, you
                    should run the setup.sh script which will eventually
                    call this script.
# remove references to old ORACLE_SID in $ORACLE_HOME/dbs directory
echo " "
echo "removing references to old ORACLE_SID $OLD_ORACLE_SID in $ORACLE_HOME/dbs
rm "$ORACLE_HOME/dbs/config${OLD_ORACLE_SID}.ora"
rm "$ORACLE_HOME/dbs/init${OLD ORACLE SID}.ora"
rm "$ORACLE_HOME/dbs/init${OLD_ORACLE_SID}_0.ora"
#rm "$ORACLE_HOME/dbs/init${OLD_ORACLE_SID}_0.ora"
#set database file ownership
echo "Setting ownership of $DB_ROOT_DIR/$ORACLE_SID to $ORACLE:$GROUPNAME"
chown -R "$ORACLE:$GROUPNAME" "$DB_ROOT_DIR/$ORACLE_SID"
#chgrp -R dba "$DB_DIR"
#set Oracle Technology set files ownership
echo "Setting ownership of $ORACLE BASE to $ORACLE:$GROUPNAME"
chown -R "$ORACLE:$GROUPNAME" "$ORACLE_BASE"
```

```
#!/bin/ksh
     # Filename:
                    createUsers.sh
     # Utility for creating user accounts for iSpeed systems
     # Robert Wessa
     # Oracle Corporation
     # This script calls the proper scripts to perform the installation
     # for iPrototype.
     # Do not call this script directly, rather it is called from the
     # main setup.sh script during the iPrototype installation.
     #
     #
if [ "$INSTALL_TYPE" = "D" ]
     . $INSTALL_HOME/createUsers db.sh
     # end of if $INSTALL_TYPE=D
     fi
::
     ui.
£
if [ "$INSTALL_TYPE" = "I" ]
                            ; then
إرا
     . $INSTALL_HOME/createUsers_i.sh
     . $INSTALL_HOME/createUsers_np.sh
     # end of if $INSTALL TYPE=I
     fi
     if [ "$INSTALL TYPE" = "V" ]
     . $INSTALL_HOME/createUsers_vgn.sh
     . $INSTALL_HOME/createUsers ap.sh
     # end of if $INSTALL_TYPE=V
     fi
```

```
if [ "$INSTALL_TYPE" = "F" ] ; then
. $INSTALL_HOME/createUsers_db.sh
. $INSTALL_HOME/createUsers_i.sh
. $INSTALL_HOME/createUsers_np.sh
. $INSTALL_HOME/createUsers_vgn.sh
. $INSTALL_HOME/createUsers_ap.sh
# end of if $INSTALL_TYPE=F
fi
```

```
#!/bin/ksh
#Filename:
                    setOwners_vgn.sh
#Author:
                    RWessa
                    Sets proper ownership of files during iPrototype
#Description:
                    installation
#
                    Do not call this script directly. Instead, you
#
                    should run the setup.sh script which will eventually
                    call this script.
. $INSTALL HOME/echodbg.sh " "
. $INSTALL_HOME/echodbg.sh "Changing owner of $ORACLE_VGN_BASE to $VIGNETTE: $GROUPNAME"
# LTF added 9/17/99 remove dangling links in $ORACLE_HOME/dbs directory
#rm "$ORACLE_HOME/dbs/config${old_oracle sid}.ora"
#rm "$ORACLE_HOME/dbs/init${old_oracle_sid}.ora"
#rm "$ORACLE_HOME/dbs/init${old oracle sid} 0.ora"
chown -R "$VIGNETTE": $GROUPNAME "$ORACLE_VGN_BASE"
. $INSTALL_HOME/echodbg.sh " "
. $INSTALL_HOME/echodbg.sh "Changing owner of $ORACLE_AP_BASE to $APACHE: $GROUPNAME"
chown -R "$APACHE": $GROUPNAME "$ORACLE AP BASE"
```

```
#!/bin/ksh
#Filename:
                    setOwners_i.sh
#Author:
                    RWessa
#Description:
                   Sets proper ownership of files during iPrototype
                    installation
                   Do not call this script directly. Instead, you
                    should run the setup.sh script which will eventually
                    call this script.
echo " "
# Set the ownership of the iStore/iMarketing/OAS directories
echo "Changing owner of $BASE_DIR/$ICS directory files"
chown -R "$ICS:$GROUPNAME" "$BASE_DIR/$ICS"
# Set the ownership of the netp directories
echo "Changing owner of $BASE DIR/$NETP directory files"
chown -R "$NETP:$GROUPNAME" "$BASE_DIR/$NETP"
```

```
#!/bin/ksh
#Filename:
                setOwners_full.sh
#Author:
                RWessa
#Description:
                Sets proper ownership of files during iPrototype
                installation
#
                Do not call this script directly. Instead, you
                should run the setup.sh script which will eventually
                call this script.
                This file sets all ownership for the full
                installation and simply calls each individual
#
                file.
```

echo "entering setOwners_full.sh ... "

- . \$INSTALL_HOME/setOwners_i.sh
- . \$INSTALL_HOME/setOwners_db.sh
- . \$INSTALL_HOME/setOwners_vgn.sh

```
#!/bin/ksh
             setup.sh
# Filename:
# Author:
             Robert Wessa
# Parameters:
                    None
# Description:
                    This file will prompt the user for the necessary input
             parameters to run the iPrototype installation.
             This file will prompt you for directory, port number,
             username, etc., information and the following two key
             items.
             Install type: (Full, DB only, iStore/OAS/iMarketing only).
             The installation has the ability to load everything on one
             server or split it into a database and application server.
#
             iStore, OAS and iMarketing must be on the same server. They
             can be included with the database on one central server or
             loaded separately onto a middle tier applications server.
             If the install type is
             Full:
                      all products will be installed
             DB Only: only the database (database files and software) will
                      be loaded onto the current machine.
             Application server: iStore, OAS, and iMarkting are installed
                      on the current machine.
             If you do not choose a full install, you must install each
             of the other two options separately.
#
             Vignette Inclusion: Vignette can be included or dropped
             from the solution set.
             If the solution includes Vignette
                iStore templates which call Vignette will be copied.
             If the solution does not include Vignette
                iStore templates which do not call Vignette will be copied.
#
                The Vignette schema will be removed from the database.
                The Vignette files will be removed from the file system
                The Apache files will be removed from the file system.
                Apache and Vignette references will be removed from the
                  startup scripts.
```

```
# Revision History
                Who
                            Why
# 01/31/2000 rwessa
                      Initial create date
 # ========
               # determine the installation type
# we can install everything on the current machine, just the database,
# or just the OAS/iStore/iMarketing piece.
# we do loop through until we get a valid response (F,I or D) to this question
ans_ok="N"
#echo starting while
while [ "$ans_ok" = "N" ]
export INSTALL_TYPE=F
echo
echo "Please specify 1 of the 4 installation types to be performed."
echo " Vignette/Apache only(V)"
echo " iStore/OAS/iMarketing only(I)"
echo " Database only (D) "
echo " Full solution set(F)"
echo " Exit installer without installing anything(X)"
echo "Please select one of the above (F,I,D) [$INSTALL_TYPE]"
read ans
if [ $ans ] ; then
 INSTALL_TYPE=`echo ${ans} | tr "[a-z]" "[A-Z]"`
 if [ "$INSTALL_TYPE" = "V" ] ; then
   ans ok="Y"
 elif [ "$INSTALL_TYPE" = "I" ] ; then
   ans_ok="Y"
 elif [ "$INSTALL_TYPE" = "D" ] ; then
   ans_ok="Y"
 elif [ "$INSTALL_TYPE" = "F" ] ; then
   ans ok="Y"
 elif [ "$INSTALL_TYPE" = "X" ] ; then
   ans ok="Y"
   echo "Installing terminated, no installation tasks performed."
   exit
```

```
echo Please answer V,I,D,F or X. $INSTALL TYPE is an invalid response.
             ans_ok="N"
          fi
         else
             ans_ok="Y"
         fi
        done
        # determine if we will include Vignette in the solution set
        \mbox{\tt\#} we do loop through until we get a valid response (Y or N) to this question
        ans_ok="N"
        #echo starting while
        while [ "$ans_ok" = "N" ]
dо
         INCLUDE_VIGNETTE=Y
         echo "Will Vignette be part of the solution set (Y or N) [$INCLUDE_VIGNETTE]"
         read ans
         if [ $ans ] ; then
          \label{local_vignette} \begin{tabular}{ll} INCLUDE\_VIGNETTE=\end{tabular} = \end{tabular} \begin{tabular}{ll} $$ | tr "[a-z]" "[A-Z]" $\end{tabular}
          if [ "$INCLUDE VIGNETTE" = "Y" ] ; then
Ü
             ans_ok="Y"
H
          elif [ "$INCLUDE_VIGNETTE" = "N" ] ; then
-
             ans_ok="Y"
≟
else
            echo Please answer Y or N, \INCLUDE\_VIGNETTE is an invalid response.
             ans_ok="N"
          fi
         else
             ans ok="Y"
         fi
        done
        #
        export TOOLS_OLD_DIR=/u02/app/
        echo "Enter the old tools directory[$TOOLS OLD DIR]"
        read ans
        if [ $ans ] ; then
         TOOLS_OLD_DIR=$ans
```

else echo

fi

export BASE_DIR=/u02/app

```
echo "Enter the base applications directory [$BASE DIR]"
       if [ $ans ] ; then
        BASE_DIR=$ans
       fi
       #
       export OLD_HOSTNAME=dallsoluctrsv01
       echo "Enter the old hostname [$OLD_HOSTNAME]"
       read oh
       if [ $oh ] ; then
         OLD_HOSTNAME=$oh
       fi
       export OLD_ORACLE_SID=FITS
       echo "Enter the old ORACLE_SID [$OLD_ORACLE_SID]"
read oos
       if [ $00s ] ; then
        OLD_ORACLE_SID=$oos
       fi
       export OLD_APACHE_BASE=454
       echo "Enter the old Apache Base number [$OLD_APACHE_BASE]"
       read oab
::
       if [ $oab ] ; then
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        OLD_APACHE BASE=$oab
export ORACLE=oraii
       echo "Enter the Oracle username [$ORACLE]"
       read ou
       if [ $ou ] ; then
         ORACLE=$ou
       fi
       export APACHE=apaii
       echo "Enter the apache username [$APACHE]"
       read au
       if [ $au ] ; then
         APACHE=$au
       fi
       export ICS=icsii
       echo "Enter the iStore username [$ICS]"
```

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read iu
if [ $iu ] ; then
  ICS=$iu
fi
export VIGNETTE=vignii
echo "Enter the Vignette username [$VIGNETTE]"
read ans
if [ $ans ] ; then
  VIGNETTE=$ans
fi
export GROUPNAME=dba
echo "Enter the new Group name for these users [$GROUPNAME]"
read ans
if [ $ans ] ; then
 GROUPNAME=$ans
fi
export ORACLE_SID=ISPDII;
export oracle_sid=`echo $ORACLE SID | tr "[A-Z]" "[a-z]"`
echo "Enter the new ORACLE_SID [$ORACLE_SID]"
read ans
if [ $ans ] ; then
  ORACLE_SID = echo $ans | tr "[a-z]" "[A-Z]"
  oracle_sid = `echo $ans | tr "[A-Z]" "[a-z]"`
fi
export ORACLE_BASE=$BASE DIR/$ORACLE
echo "Enter the location for your ORACLE_BASE [$ORACLE_BASE]"
read ans
if [ $ans ] ; then
  ORACLE BASE=$ans
fi
export ORACLE_HOME=$ORACLE_BASE/product/805
echo "Enter the location for your ORACLE HOME [$ORACLE HOME]"
read ans
if [ $ans ] ; then
  ORACLE_HOME=$ans
fi
export ORACLE_OAS_BASE=$BASE_DIR/$ICS
```

```
echo "Enter the location for your OAS ORACLE_BASE [$ORACLE OAS BASE]"
       read ans
       if [ $ans ] ; then
         ORACLE_OAS_BASE=$ans
       fi
       #
       export ORACLE_VGN BASE=$BASE DIR/$VIGNETTE
       echo "Enter the location for your Vignette base directory [$ORACLE_VGN_BASE]"
       read ans
       if [ $ans ] ; then
         ORACLE_VGN_BASE=$ans
       fi
       export DB_ROOT_DIR=/u02/oradata
       echo "Enter the parent Oracle database file directory[$DB ROOT DIR]"
       read ans
if [ $ans ] ; then
        DB_ROOT_DIR=$ans
       fi
       export DB_DATA_DIR=/u02/oradata/$ORACLE_SID
       echo "Enter the base Oracle database file directory[$DB_DATA_DIR]"
I
       read ans
       if [ $ans ] ; then
4
       DB DATA DIR=$ans
export DOMAIN=us.oracle.com
       echo "Enter the new domain [$DOMAIN]"
       read dom
       if [$dom]; then
         DOMAIN=$dom
       fi
       export proxyserver=www-proxy.us.oracle.com
       echo "Enter the new proxy server [$proxyserver]"
       read ps
       if [ $ps ] ; then
         proxyserver=$ps
       fi
       export proxyport=80
       echo "Enter the new proxy port [$proxyport]"
```

```
read pp
       if [ $pp ] ; then
         proxyport=$pp
       fi
       export OAS_NODE=46407
       echo "Enter the new OAS Node port number [$OAS_NODE]"
       read oasn
       if [ $oasn ] ; then
         OAS_NODE=$oasn
       fi
       export OAS_ADMIN=46406
       echo "Enter the new OAS Admin port # [$OAS_ADMIN]"
       read oasa
if [ $oasa ] ; then
        OAS_ADMIN=$oasa
       fi
       export NETP_PORT=46435
       echo "Enter the new Net Perceptions port # [$NETP_PORT]"
       read np
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       if [ $np ] ; then
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         NETP_PORT=$np
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       fi
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       export OAS_BASE=464
echo "Enter the OAS Ports Base # [$OAS_BASE]"
       read oasb
       if [ $oasb ] ; then
         OAS_BASE=$oasb
       fi
       export APACHE_BASE=464
       echo "Enter the Apache Ports Base #[$APACHE_BASE]"
       read apacheb
       if [ $apacheb ] ; then
         APACHE_BASE=$apacheb
       fi
       export OAS_ORB_BASE=46408
       echo "Enter the OAS ORB Base [$OAS_ORB_BASE]"
       read oasob
```

```
if [ $oasob ] ; then
  OAS_ORB_BASE=$oasob
fi
export TNS_PORT=46437
echo "Enter the new TNS Port number [$TNS_PORT]"
read tnsp
if [ $tnsp ] ; then
  TNS_PORT=$tnsp
fi
export VHS_PORT=46436
echo "Enter the VHS Port number [$VHS PORT]"
read vhsp
if [ $vhsp ] ; then
  VHS_PORT=$vhsp
#
export TAR_DIR=/u14/cdimage/iPrototype/WithoutEMU
echo "Enter the directory location containing the TAR files [$TAR_DIR]"
read tdir
if [ $tdir ] ; then
  TAR_DIR=$tdir
fi
export ORACLETS_FILE=oraclets.tar
echo "Enter the Oracle technology stack tar file [$ORACLETS_FILE] "
read ans
if [ $ans ] ; then
  ORACLETS_FILE=$ans
fi
#
export ORADATA FILE=oradata.tar
echo "Enter the Oracle data tar file [$ORADATA_FILE] "
read ans
if [ $ans ] ; then
  ORADATA FILE=$ans
fi
export MIDTIER_FILE=middletier.tar
echo "Enter the Middle Tier tar file [$MIDTIER_FILE] "
read ans
if [ $ans ] ; then
```

```
MIDTIER FILE=$ans
fi
export NETP_FILE=netp.tar
echo "Enter the Net Perceptions tar file [$NETP_FILE] "
read ans
if [ $ans ] ; then
 NETP_FILE=$ans
fi
export APACHE FILE=apache.tar
echo "Enter the Apache tar file [$APACHE FILE] "
read ans
if [ $ans ] ; then
 APACHE_FILE=$ans
fi
export VIGNETTE FILE=vignette.tar
echo "Enter the Vignette tar file [$VIGNETTE FILE] "
read ans
if [ $ans ] ; then
VIGNETTE _FILE=$ans
# need $TOOL_DIR for previous version compatibility
export TOOLS_DIR=$BASE_DIR/$ORACLE
export HOSTNAME= hostname | tr "[a-z]" "[A-Z]"
export hostname='echo ${HOSTNAME} | tr "[A-Z]" "[a-z]"'
export IP_ADDRESS=`grep ${hostname} /etc/hosts | awk '{print $1}'`
export ORACLE_SID=`echo ${ORACLE_SID} | tr "[a-z]" "[A-Z]"`
export oracle_sid=`echo ${ORACLE_SID} | tr "[A-Z]" "[a-z]"`
export OLD_ORACLE_SID=`echo ${OLD_ORACLE_SID} | tr "[a-z]" "[A-Z]"`
export old_oracle_sid=`echo ${OLD ORACLE SID} | tr "[A-Z]" "[a-z]"`
export domain=`echo ${DOMAIN} | tr "A-Z" "[a-z]"`
#export ORACLE_HOME="${ORACLE BASE}/oracle/product/8.0.5"
export logged_user=`id | cut -c7-10`
# Now print settings for review
echo
echo Current Settings
echo ORACLE SID=$ORACLE SID
echo ORACLE BASE=$ORACLE BASE
echo TOOLS_OLD_DIR=$TOOLS_OLD DIR
```

echo OLD_HOSTNAME=\$OLD HOSTNAME echo OLD_ORACLE_SID=\$OLD_ORACLE_SID echo OLD_APACHE_BASE=\$OLD_APACHE_BASE echo TOOLS_DIR=\$TOOLS_DIR echo DB_ROOT_DIR=\$DB_ROOT_DIR echo DB_DATA_DIR=\$DB DATA DIR echo ORACLE=\$ORACLE echo APACHE=\$APACHE echo ICS=\$ICS echo VIGNETTE=\$VIGNETTE echo GROUPNAME=\$\$GROUPNAME echo BASE_DIR=\$BASE_DIR echo ORACLE_BASE=\$ORACLE BASE echo ORACLE_OAS_BASE=\$ORACLE_OAS_BASE echo ORACLE_VGN_BASE=\$ORACLE_VGN_BASE echo DB_ROOT DIR=\$DB ROOT DIR echo DOMAIN=\$DOMAIN echo proxyserver=\$proxyserver echo proxyport=\$proxyport echo OAS_NODE=\$OAS_NODE echo OAS ADMIN=\$OAS ADMIN echo NETP_PORT=\$NETP_PORT echo OAS_BASE=\$OAS BASE echo APACHE_BASE=\$APACHE_BASE echo OAS ORB BASE=\$OAS ORB BASE echo TNS_PORT=\$TNS PORT echo VHS_PORT=\$VHS_PORT echo HOSTNAME=\$HOSTNAME echo hostname=\$hostname echo IP_ADDRESS=\$IP_ADDRESS echo ORACLE_SID=\$ORACLE SID echo oracle_sid=\$oracle_sid echo OLD_ORACLE_SID=\$OLD ORACLE SID echo old_oracle_sid=\$old_oracle_sid echo domain=\$domain echo ORACLE_HOME=\$ORACLE_HOME echo logged_user=\$logged_user echo INCLUDE_VIGNETTE=\$INCLUDE VIGNETTE echo INSTALL_TYPE=\$INSTALL TYPE echo TAR_DIR=\$TAR_DIR echo ORACLE_TS_FILE=\$ORACLETS FILE echo ORADATA_FILE=\$ORADATA_FILE echo MIDTIER_FILE=\$MIDTIER_FILE

```
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```

```
echo NETP_FILE=$NETP FILE
echo APACHE_FILE=$APACHE_FILE
echo VIGNETTE_FILE=$VIGNETTE FILE
# -----
# now start installation
# we do loop through until we get a valid response (Y or N) to this question
ans_ok="N"
while [ "$ans_ok" = "N" ]
do
START_INSTALL=Y
echo
echo Answer Y to start install, N to rerun setup, or X to exit.
echo "Start installation using these values (Y/N/X)"
read START_INSTALL
 START_INSTALL=`echo ${START_INSTALL} | tr "[a-z]" "[A-Z]"`
 if [ "$START_INSTALL" = "Y" ] ; then
   ans_ok="Y"
 elif [ "$START_INSTALL" = "N" ] ; then
   ans_ok="Y"
 elif [ "$START_INSTALL" = "X" ] ; then
   ans_ok="Y"
   echo "Installation aborted. "
   exit
 else
   echo
   echo Please answer Y or N. $START_INSTALL is an invalid response.
   ans_ok="N"
 fi
done
# Call main installation script or rerun setup
if [ "$START_INSTALL" = "Y" ] ; then
. ./mainii.sh
else
  . ./setup.sh
fi
```

```
#!/bin/ksh
echo " entering configureICS.sh"
echo "configuring cnls.en.msg "
cat $INSTALL_HOME/templates/ics/cnls.en.msg | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g | cat |\
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g | cat | \
   sed "s+P_R_O_X_Y_S_E_R V E R+${proxyserver}+"g | cat |\
   sed "s+I_P_A_D_D_R_E_S_S+${IP_ADDRESS}+"g | cat |\
   sed "s+P_R_O_X_Y_P_O_R_T+${proxyport}+"g \
   > "$ORACLE_OAS_PROD_BASE/stage/store/mesg/cnls.en.msg"
chown ${ICS}:${GROUPNAME} "$ORACLE_OAS_PROD_BASE/stage/store/mesg/cnls.en.msg"
echo "configuring primary.dat "
cat $INSTALL_HOME/templates/ics/primary.dat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat |\
   sed "s+O_A_S_N_O_D_E_P O R T+${OAS NODE PORT}+"g | cat |\
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat |\
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g \
   > "$ORACLE_OAS_PROD_BASE/ows/4.0/admin/primary.dat"
echo "configuring cstage.cfg "
cat $INSTALL_HOME/templates/ics/cstage.cfg | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat |\
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE BASE}+"g \
   > "$ORACLE_OAS_PROD_BASE/oec/config/cstage.cfg"
#
echo "configuring mstage.cfg "
cat $INSTALL_HOME/templates/ics/mstage.cfg | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE OAS PROD BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g \
   > "$ORACLE_OAS_PROD_BASE/oec/config/mstage.cfg"
```

```
echo "configuring oecinvitm.cfg"
cat $INSTALL_HOME/templates/ics/oecinvitm.cfg | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g \
   > "$ORACLE_OAS_PROD_BASE/oec/config/oecinvitm.cfg"
echo "configuring owsenv bsh.sh"
cat $INSTALL_HOME/templates/ics/owsenv_bsh.sh | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE OAS BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g \
   > "$ORACLE OAS PROD BASE/ows/4.0/install/owsenv bsh.sh"
echo "configuring gatekeeper.ior "
cat $INSTALL_HOME/templates/ics/gatekeeper.ior | \
   sed "s+O_R_A_C_L_E O A S P R O D B A S E+${ORACLE OAS PROD BASE}+"q \
   > "$ORACLE_OAS_PROD_BASE/ows/4.0/bin/gatekeeper.ior"
# can't seem to find perlidle in this version
#cat $INSTALL_HOME/templates/ics/perlidlc | \
    sed "s+T O O L S D I R+${TOOLS DIR}+"g \
    > "$ORACLE OAS PROD BASE/ows/4.0/bin/perlidlc"
echo "configuring rmproxy.ior"
cat $INSTALL_HOME/templates/ics/rmproxy.ior | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE OAS PROD BASE}+"g \
   > "$ORACLE OAS PROD BASE/ows/4.0/bin/rmproxy.ior"
echo "configuring server.dfl "
cat $INSTALL HOME/templates/ics/server.dfl | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g \
   > "$ORACLE_OAS_PROD_BASE/ows/4.0/admin/config/server.dfl"
# The following templates don't exist yet
#cp $INSTALL_HOME/templates/ics/ieclogininv.en.htm \
# "$ORACLE_OAS_PROD_BASE/stage/store/templates/ieclogininv.en.htm"
#chown $ICS:$GROUPNAME "$ORACLE_OAS_PROD_BASE/stage/store/templates/ieclogininv.en.htm"
#cp $INSTALL_HOME/templates/ics/ispdecwalkin.en.htm \
```

"\$ORACLE_OAS_PROD_BASE/stage/store/templates/ispdecwalkin.en.htm"
#chown \$ICS:\$GROUPNAME "\$ORACLE_OAS_PROD_BASE/stage/store/templates/ispdecwalkin.en.htm"
#cp \$INSTALL_HOME/templates/ics/ispdstoreindex.en.htm \

"\$ORACLE_OAS_PROD_BASE/stage/store/templates/ispdstoreindex.en.htm"
#chown \$ICS:\$GROUPNAME

"\$ORACLE_OAS_PROD_BASE/stage/store/templates/ispdstoreindex.en.htm"

```
#!/bin/ksh
     # Filename: fixSCCS_full.sh
     # Remove dangling links for SCCS embedded in the Oracle home
     # directory tree.
     if [ "$INSTALL_TYPE" = "D" ]
     . $INSTALL_HOME/fixSCCS_db.sh
     # end of if $INSTALL_TYPE=D
     fi
#
     if [ "$INSTALL_TYPE" = "I" ]
                            ; then
     . $INSTALL_HOME/fixSCCS_i.sh
     # end of if $INSTALL_TYPE=I
     fi
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     =
Ų.
     if [ "$INSTALL_TYPE" = "V" ] ; then
     . $INSTALL_HOME/fixSCCS_vgn_.sh
     . $INSTALL_HOME/fixSCCS_ap_.sh
     # end of if $INSTALL_TYPE=V
     fi
     if [ "$INSTALL_TYPE" = "F" ]
     . $INSTALL_HOME/fixSCCS_db.sh
     . $INSTALL_HOME/fixSCCS_i.sh
     . $INSTALL_HOME/fixSCCS_ap_.sh
     . $INSTALL_HOME/fixSCCS_vgn_.sh
     # end of if $INSTALL_TYPE=F
     fi
```

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```
#!/bin/ksh
#
# 
# Remove dangling links for SCCS embedded in the Oracle home
# directory tree.
rm `find "${ORACLE_BASE}" -local -name SCCS -print`
exit
```

```
#!/bin/ksh
#
#
# Remove dangling links for SCCS embedded in the Oracle home
# directory tree.
rm `find "${TOOLS_DIR}" -local -name SCCS -print`
exit
```

```
#!/bin/ksh
# Routine to set OAS to work with iStore and new nodename
# Written by: Lane Findley 8/1/99
           Oracle Corporation
# Revision History
# Date
           Who?
                       why?
# 2/24/2000 rwessa modified for iSpeed Phase using new directory setup
#update the WebSite Name
mv ${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME_OLD}
${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}
mv ${ORACLE_OAS_BASE}/admin/orb/${OAS_SITE_NAME_OLD}
${ORACLE_OAS_BASE}/admin/orb/${OAS_SITE NAME}
$INSTALL_HOME/echodbg.sh "mv ${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME_OLD} 4
${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE NAME}"
$INSTALL_HOME/echodbg.sh "mv ${ORACLE_OAS_BASE}/admin/orb/${OAS_SITE_NAME_OLD}
${ORACLE_OAS_BASE}/admin/orb/${OAS_SITE_NAME}" 4
#update the http directory name
mv "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_"*
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}"
$INSTALL_HOME/echodbg.sh "mv ${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd *
${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}" 4
# Remove old log files
rm "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/log/*"
# Change host name in .omnaddr file
$INSTALL_HOME/echodbg.sh "TCP:${hostname}:${OAS ORB BASE}49" >
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/.omnaddr" 4
chown "${ICS}:${GROUPNAME}" "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/.omnaddr"
```

```
# Edit and copy the .app files to the wrb directory
$INSTALL HOME/echodbg.sh "configuring site.app" 4
cat $INSTALL_HOME/templates/web/site.app | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O A S B A S E+${OAS BASE}+"g | cat | \
   sed "s+O_A S N O D E+${OAS NODE}+"g | cat | \
   sed "s+N_O_D_E_P_O_R_T+${OAS_NODE}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H O S T N A M E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+G_R_O_U_P N A M E+${GROUPNAME}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/site.app"
chown ${ICS}:${GROUPNAME} "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/site.app"
$INSTALL_HOME/echodbg.sh "configuring wrb.app" 4
cat $INSTALL_HOME/templates/web/wrb.app | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+o_r_a_c_l_e_s i d+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B A S E+${ORACLE OAS BASE}+"g | cat | \
   sed "s+O_R_A_C_L,E_O_A_S_P_R_O_D_B A S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+$\{GROUPNAME\}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/wrb.app"
chown ${ICS}:${GROUPNAME} "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/wrb.app"
$INSTALL_HOME/echodbg.sh "configuring site s.app" 4
cat $INSTALL_HOME/templates/web/site s.app | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+o r a c l e s i d+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+O_A_S_N_O_D_E+${OAS_NODE}+"g | cat | \
```

```
sed "s+N_O_D_E_P_O_R_T+${OAS_NODE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+$\{GROUPNAME\}+"g | cat | \
   sed "s+O A S B A S E+${OAS BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS SITE NAME}/wrb/site s.app"
chown ${ICS}:${GROUPNAME} "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/site_s.app"
#
$INSTALL_HOME/echodbg.sh "configuring site_e.app" 4
cat $INSTALL_HOME/templates/web/site_e.app | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+O_A_S_N_O_D_E+${OAS_NODE}+"g | cat | \
   sed "s+N_O_D_E_P_O_R_T+${OAS_NODE}+"g | cat | \
   sed "s+H_O_S_T_N_A M E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+${GROUPNAME}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/site_e.app"
chown ${ICS}:${GROUPNAME} "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/wrb/site_e.app"
$INSTALL_HOME/echodbg.sh "configuring adapter.app" 4
cat $INSTALL_HOME/templates/web/adapter.app | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B A S E+${ORACLE OAS PROD BASE}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/adapter.app"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/adapter.app"
$INSTALL_HOME/echodbg.sh "configuring owl.cfg" 4
cat $INSTALL_HOME/templates/web/owl.cfg | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
```

```
sed "s+A D M I N P O R T+${OAS ADMIN}+"g | cat | \
   sed "s+I_P_A_D_D_R_E_S_S+${ip_address}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+${GROUPNAME}+"g | cat | \
   sed s+0_A_S_B_A_S_E+${OAS_BASE}+g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd ${hostname}/owl.cfg"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/owl.cfg"
$INSTALL_HOME/echodbg.sh "configuring svadmin.cfg" 4
cat $INSTALL_HOME/templates/web/svadmin.cfg | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+A_D_M_I_N_P_O_R_T+${OAS_ADMIN}+"g | cat | \
   sed "s+N_O_D_E_P_O_R_T+${OAS_NODE}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A S_S_I_T_E N A M E+${OAS SITE NAME}+"q | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+$ {ORACLE OAS PROD BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+${GROUPNAME}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g | cat | \\
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS SITE NAME}/httpd ${hostname}/admin/svadmin.cfg"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/admin/svadmin.cfg"
$INSTALL_HOME/echodbg.sh "configuring svwww.cfg" 4
cat $INSTALL_HOME/templates/web/svwww.cfg | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
```

```
sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS PROD_BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N A M E+${GROUPNAME}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g | cat | \
   sed "s+I C S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/www/svwww.cfg"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/www/svwww.cfg"
#
$INSTALL_HOME/echodbg.sh "configuring synode.cfg" 4
cat $INSTALL_HOME/templates/web/svnode.cfg | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+O_A_S_N_O_D_E_P_O_R_T+${OAS_NODE_PORT}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+${GROUPNAME}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd ${hostname}/node/svnode.cfg"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/node/svnode.cfg"
$INSTALL_HOME/echodbg.sh "configuring svcdeply.cfg" 4
cat $INSTALL HOME/templates/web/svcdeply.cfg | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS PROD BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+${GROUPNAME}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g | cat | \
   sed "s+I C S+${ICS}+"q \
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/cdeply/svcdeply.cfg"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/cdeply/svcdeply.cfg"
```

```
$INSTALL_HOME/echodbg.sh "configuring svcstage.cfg" 4
cat $INSTALL HOME/templates/web/svcstage.cfg | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+I_P_A_D_D_R_E_S_S+${ip_address}+"g | cat | \
   sed "s+H_O_S_T_N_A_M E+${hostname}+"g | cat | \
   sed "s+o_r_a c l e s i d+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N A_M E+${OAS SITE NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D B A S E+${ORACLE OAS PROD BASE}+"q | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+${GROUPNAME}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   >
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/cstage/svcstage.cfg"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/cstage/svcstage.cfg"
# to be done once ispeed listener in OAS is defined
#mkdir "${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/${oracle_sid}"
#chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/${oracle_sid}"
#cat $INSTALL_HOME/templates/web/svispeed.cfg | \
   sed "s+D_O_M_A_I N+${domain}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+T_O_O_L_S_D_I_R+${TOOLS_DIR}+"g | cat | \
   sed "s+G_R O U P N A M E+${GROUPNAME}+"q | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g \mid cat \mid \
   sed "s+I C S+${ICS}+"g \
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/${oracle_sid}/sv${oracle
_sid}.cfg"
#chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${OAS_SITE_NAME}/httpd_${hostname}/${oracle_sid}/sv${oracle
_sid}.cfg"
#
$INSTALL_HOME/echodbg.sh "configuring symstage.cfg" 4
cat $INSTALL_HOME/templates/web/svmstage.cfg | \
```

```
sed "s+D_O M A I N+${domain}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+0_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE OAS BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+$\{GROUPNAME\}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${ORACLE_SID}/httpd_${hostname}/mstage/svmstage.cfg"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${ORACLE SID}/httpd ${hostname}/mstage/svmstage.cfg"
$INSTALL_HOME/echodbg.sh "configuring svots.cfg" 4
cat $INSTALL_HOME/templates/web/svots.cfg | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g | cat | \
   sed "s+H_O S T N A M E+${hostname}+"q | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D B A S_E+${ORACLE OAS PROD BASE}+"g | cat | \
   sed "s+G_R_O_U_P_N_A_M_E+${GROUPNAME}+"g | cat | \
   sed "s+O_A_S_B_A_S_E+${OAS_BASE}+"g \mid cat \mid \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/ows/${ORACLE_SID}/httpd_${hostname}/ots/svots.cfg"
chown ${ICS}:${GROUPNAME}
"${ORACLE_OAS_BASE}/admin/ows/${ORACLE_SID}/httpd_${hostname}/ots/svots.cfg"
$INSTALL_HOME/echodbg.sh "configuring resources.ora" 4
cat $INSTALL_HOME/templates/web/resources.ora | \
  sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
  sed "s+o_r_a_c_l_e_s_i_d+${oracle_sid}+"g | cat | \
  sed "s+O_R_A_C_L_E_S_I_D+${ORACLE SID}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
  sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
  sed "s+O_A_S_O_R_B_B_A_S_E+\{OAS_ORB_BASE\}+"g | cat | \
  sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "${ORACLE_OAS_BASE}/admin/orb/${ORACLE_SID}/resources.ora"
```

```
chown ${ICS}:${GROUPNAME} "${ORACLE_OAS_BASE}/admin/orb/${ORACLE_SID}/resources.ora"
$INSTALL_HOME/echodbg.sh "Starting OAS..." 4
su - ${ICS} -c "startWEB"
$INSTALL_HOME/echodbg.sh "configureOAS.sh complete." 2
```

```
#!/bin/ksh
#Filename:
          configureVignette.sh
# Routine to setup Vignette files
# Written by: Lane Findley 8/1/99
           Oracle Corporation
# Revision History
# Date
         Who
# Mar2000 rwessa
                      Updated to work with iPrototype Version 2
 . $INSTALL_HOME/echodbg.sh " "
. $INSTALL_HOME/echodbg.sh "entering configureVignette.sh ..."
vig_dir="$ORACLE VGN BASE/StoryServer/R4.2"; export vig dir
vig_source=${INSTALL_HOME}/templates/vignette
vig_solaris=$ORACLE VGN BASE/StoryServer/R4.2/bin/solaris
mkdir "${vig dir}/conf/${hostname}-${APACHE BASE}01-1"
mkdir "${vig_dir}/conf/${hostname}-${APACHE_BASE}01-1/PadArchiveDir"
mkdir "${vig_dir}/conf/${hostname}-${APACHE BASE}01-1/PadWorkDir"
mkdir "${vig_dir}/conf/${hostname}-${APACHE_BASE}01-1/metafiles"
# Untar the template files. These files may not be needed, but it
# does not appear to hurt to have them
current dir='pwd'
cd "${vig_dir}/conf/${hostname}-${APACHE_BASE}01-1"
tar xf "${vig_source}/templates.tar"
cd $current dir
chown -R nobody:nobody "${vig_dir}/conf/${hostname}-${APACHE BASE}01-1"
chown -R nobody:nobody "${ORACLE VGN BASE}/StoryServer"
chown -R nobody:nobody "${ORACLE_VGN_BASE}/cas-docs"
. $INSTALL_HOME/echodbg.sh "configuring
${vig_dir}/conf/${hostname}-${APACHE BASE}01-1/StoryServer.cfq"
cat "${vig_source}/StoryServer.cfg" | \
  sed "s+V_I_G+\{VIGNETTE\}+"g | cat | \
```

```
sed "s+O R A C L E S I D+${ORACLE SID}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g | cat | \
   sed "s+P_O_R_T_A_P_A_C_H_E+${PORT_APACHE}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
   > "${vig dir}/conf/${hostname}-${APACHE BASE}01-1/StoryServer.cfg"
chown ${VIGNETTE}:$GROUPNAME
"${vig_dir}/conf/${hostname}-${APACHE_BASE}01-1/StoryServer.cfg"
. $INSTALL_HOME/echodbg.sh "configuring
${vig_dir}/conf/${hostname}-${APACHE_BASE}01-1/admin"
cat "${vig_source}/admin" | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D O M A I N+${domain}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE BASE}+"g | cat | \
   sed "s+O R A C L E H O M E+${ORACLE HOME}+"g \
   > "${vig_dir}/conf/${hostname}-${APACHE_BASE}01-1/admin"
chown ${VIGNETTE}:$GROUPNAME "${vig_dir}/conf/${hostname}-${APACHE_BASE}01-1/admin"
. $INSTALL_HOME/echodbg.sh "configuring ${vig_dir}/conf/delivery.tcl"
cat "${vig_source}/delivery.tcl" | \
   sed "s+V_I G+${VIGNETTE}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+O R A C L E V G N B A S E+${ORACLE VGN BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+A_P_A_C_H E B A S E+${APACHE BASE}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
   > "${vig_dir}/conf/delivery.tcl"
chown ${VIGNETTE}:$GROUPNAME "${vig_dir}/conf/delivery.tcl"
. $INSTALL_HOME/echodbg.sh "configuring ${vig dir}/conf/Production/pm.cfg"
cat "${vig source}/pm.cfg" | \
   sed "s+O_R_A_C_L_E S I D+${ORACLE SID}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g | cat | \
```

```
sed "s+D_O M A I N+${domain}+"g | cat | \
   sed "s+V_H_S_P_O_R_T+$\{VHS_PORT\}+"g \mid cat \mid \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
   > "${vig_dir}/conf/Production/pm.cfg"
chown ${VIGNETTE}:$GROUPNAME "${vig_dir}/conf/Production/pm.cfg"
. $INSTALL_HOME/echodbg.sh "configuring ${vig_dir}/conf/Production/admin"
cat "${vig_source}/Prod_admin" | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+{\sigma_sid}+g \mid cat \mid \
   \label{eq:sed_sed_sed_sed} \begin{subarray}{ll} sed & $\tt "s+O_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E+${ORACLE\_VGN\_BASE}+"g & | cat & | \\ \end{subarray}
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
   > "${vig_dir}/conf/Production/admin"
chown ${VIGNETTE}:$GROUPNAME "${vig_dir}/conf/Production/admin"
. $INSTALL_HOME/echodbg.sh "configuring ${vig_solaris}/S97StoryServer4"
cat "${vig_source}/S97StoryServer4" | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+O R A C L E S I D+${oracle sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
   > "${vig_solaris}/S97StoryServer4"
. $INSTALL_HOME/echodbg.sh "configuring ${vig solaris}/S97StoryServer5"
cat "${vig_source}/S97StoryServer5" | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE VGN BASE}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+{APACHE\_BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
   > "${vig_solaris}/S97StoryServer5"
#cp "${vig_solaris}/S97StoryServer4" /etc/init.d/StoryServer4
#ln -s "${vig_solaris}/S97StoryServer4" /etc/rc3.d/S97StoryServer4
```

```
#ln -s "${vig_solaris}/S97StoryServer5" /etc/rc3.d/S97StoryServer5
#ln -s "${vig_solaris}/S97StoryServer4" /etc/rc1.d/K01StoryServer4
#ln -s "${vig_solaris}/S97StoryServer5" /etc/rc1.d/K01StoryServer5
#chmod +x /etc/rc3.d/S97StoryServer4
#chmod +x /etc/rc1.d/K01StoryServer4
chown ${VIGNETTE}:$GROUPNAME "${vig solaris}/stopCASVIGN"
. $INSTALL_HOME/echodbg.sh "configuring ${vig solaris}/stopCASVIGN"
cat "${vig source}/stopCASVIGN" | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+D O M A I N+${domain}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
   > "${vig_solaris}/stopCASVIGN"
chown ${VIGNETTE}:$GROUPNAME "${vig_solaris}/stopCASVIGN"
. $INSTALL_HOME/echodbg.sh "configuring ${vig_solaris}/startCASVIGN"
cat "${vig_source}/startCASVIGN" | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+0_R_A_C_L_E_S_I_D+\{oracle_sid\}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
   > "${vig_solaris}/startCASVIGN"
chown ${VIGNETTE}:$GROUPNAME "${vig_solaris}/startCASVIGN"
. $INSTALL_HOME/echodbg.sh "configuring ${vig_solaris}/startCMSVIGN"
cat "${vig_source}/startCMSVIGN" | \
   sed "s+V_I_G+${VIGNETTE}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+O_R_A_C_L_E_V_G_N_B_A_S E+${ORACLE VGN BASE}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g | cat | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M E+${ORACLE HOME}+"g \
   > "${vig solaris}/startCMSVIGN"
chown ${VIGNETTE}:$GROUPNAME "${vig_solaris}/startCMSVIGN"
```

```
. $INSTALL_HOME/echodbg.sh "configuring ${vig_solaris}/stopCMSVIGN" cat "${vig_source}/stopCMSVIGN" | \
sed "s+V_I_G+${VIGNETTE}+"g | cat | \
sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g | cat | \
sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
sed "s+A_P_A_C_H_E_B_A_S_E+${APACHE_BASE}+"g | cat | \
sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g \
> "${vig_solaris}/stopCMSVIGN"
chown ${VIGNETTE}:$GROUPNAME "${vig_solaris}/stopCMSVIGN"
```

. \$INSTALL_HOME/echodbg.sh "configureVignette.sh completed"

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```
#!/bin/ksh
             install_vgn.sh
# Filename
# Author
             RWessa
# Date
                    2/7/2000
# Description
                    installation script for iPrototype
             Called by main, and installs the Apache and
             Vignette components.
# Parameters None
# Usage
                    This script SHOULD NOT be called directly.
             Instead, you should call setup, answer
             the necessary questions, and let setup
             call main which calls this script.
# Do not edit this file.
. $INSTALL_HOME/echodbg.sh " entering install_vgn.sh ..."
if [ "$INSTALL_TYPE" = "V" ] || [ "$INSTALL_TYPE" = "F" ] ; then
 . $INSTALL_HOME/echodbg.sh " starting install for INSTALL TYPE=$INSTALL TYPE ..."
 . $INSTALL_HOME/echodbg.sh "Performing Apache and Vignette install ..."
   . $INSTALL_HOME/echodbg.sh "Running scripts to untar setup files"
   . $INSTALL HOME/echodbg.sh ""
 . $INSTALL_HOME/unTar_vgn.sh
    . $INSTALL_HOME/echodbg.sh "Running scripts to create links needed for proper
operation"
    . $INSTALL_HOME/echodbg.sh ""
#. $INSTALL_HOME/setLinks.sh
#read ans?"hit enter to continue "
   . $INSTALL_HOME/echodbg.sh ""
   . $INSTALL_HOME/echodbg.sh "Running scripts to create users. Be sure to set passwords
for these"
   . $INSTALL_HOME/echodbg.sh "accounts"
```

```
. $INSTALL_HOME/createUsers_vgn.sh
 . $INSTALL HOME/createUsers_ap.sh
   . $INSTALL_HOME/echodbg.sh " "
. $INSTALL_HOME/echodbg.sh "Removing old SCCS files"
#. $INSTALL_HOME/fixSCCS
   . $INSTALL_HOME/echodbg.sh " "
   . $INSTALL_HOME/echodbg.sh "POZ" "Setting file ownership to the proper users"
 . $INSTALL_HOME/setOwners_vgn.sh
#. $INSTALL_HOME/echodbg.sh "Create initialization scripts"
#. $INSTALL HOME/echodbg.sh " "
#. $INSTALL_HOME/setInit.sh
#read ans?"hit enter to continue "
   . $INSTALL HOME/echodbg.sh "Configuring Vignette" 4
 . $INSTALL HOME/configureVignette.sh
   . $INSTALL HOME/echodbg.sh "Configuring Apache Web Server" 4
   . $INSTALL_HOME/echodbg.sh " "
 . $INSTALL_HOME/configureApache.sh
#. $INSTALL_HOME/echodbg.sh "Update Netp and startup database and listener"
#. $INSTALL_HOME/echodbg.sh " "
#. $INSTALL_HOME/updateNetp
#su - ${ORACLE} -c "startNET${oracle sid}"
#read ans?"hit enter to continue "
   . $INSTALL HOME/echodbg.sh "Re-configuring Vignette" 4
 . $INSTALL HOME/reconfigVignette.sh
#. $INSTALL HOME/echodbg.sh "Shutdown database"
#. $INSTALL_HOME/echodbg.sh " "
#su - ${ORACLE} -c "stopDB${oracle_sid}"
#su - ${ORACLE} -c "stopNET${oracle sid}"
#read ans? "hit enter to continue "
#. $INSTALL_HOME/echodbg.sh "Clean up the file system"
#. $INSTALL_HOME/echodbg.sh " "
#. $INSTALL HOME/cleanupScripts.sh
```

```
#read ans?"hit enter to continue "

#. $INSTALL_HOME/echodbg.sh "Startup ispeed instance"
#. $INSTALL_HOME/echodbg.sh " "
#/etc/rc3.d/S90${oracle_sid}
#read ans?"hit enter to continue "

echo "Vignette VHS Port $VHS_PORT" >> $SUMMARY_FILE

#. $INSTALL_HOME/echodbg.sh "change passwords"
#. $INSTALL_HOME/echodbg.sh " "
#. $INSTALL_HOME/setPasswords.sh

else
    echo "install_vgn.sh was called incorrectly: INSTALL_TYPE=$INSTALL_TYPE"

fi
```

```
#!/bin/ksh
# Filename:
                   createUsers_i.sh
# Utility for creating Middle Tier user accounts for iSpeed systems
# Description:
      This script is called by the setup.sh script, the main script
      which performs the iPrototype installation. It creates the
      user, user directory, shell scripts and group. If any of these
      exist already, it displays a message to that effect and continues.
      It will not cause an error and stop the setup.sh script.
      This script should not be called directly. It relies on
      variables defined by the setup.sh script.
      The issue is what do you do if the user account already exists?
      At this point nothing. :)
echo " "
echo "Adding the user group $GROUPNAME. Ignore warnings if the group already exists"
echo " "
groupadd $GROUPNAME
if ! [ -d $USER BASE DIR ]
then
  mkdir $USER BASE DIR
echo " "
echo "Adding users.... if there are any errors creating users, verify that"
echo "..... that the problem is not critical"
echo " "
useradd -g $GROUPNAME -d $USER BASE DIR/$ICS -s /bin/ksh $ICS
mkdir $USER_BASE_DIR/$ICS
echo "Completed adding user $ICS"
echo "... now adding profiles"
echo " "
# Copy startup and shutdown scripts over to the ICS home directory
```

```
#
  ${INSTALL_HOME}/templates/ics/startWEB $USER_BASE_DIR/$ICS
cp ${INSTALL_HOME}/templates/ics/stopWEB $USER_BASE_DIR/$ICS
chmod +x "$USER_BASE_DIR/${ICS}/startWEB"
chmod +x "$USER_BASE_DIR/${ICS}/stopWEB"
cat ${INSTALL_HOME}/templates/ics/profile | \
   sed "s+D_O_M_A_I_N+${domain}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_B_A_S_E+${ORACLE_OAS_BASE}+"g | cat | \
   sed "s+O_A_S_S_I_T_E_N_A_M_E+${OAS_SITE_NAME}+"g | cat | \
   sed "s+O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E+${ORACLE_OAS_PROD_BASE}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "$USER_BASE_DIR/${ICS}/.profile"
# Change ownership of the files just created
chown -R $ICS:$GROUPNAME
                              $USER_BASE_DIR/$ICS
```

#!/bin/ksh

```
# Filename:
                   createUsers_ap.sh
# Utility for creating Apache user account for iSpeed systems
# Description:
      This script is called by the setup.sh script, the main script
      which performs the iPrototype installation. It creates the
      user, user directory, shell scripts and group. If any of these
      exist already, it displays a message to that effect and continues.
      It will not cause an error and stop the setup.sh script.
      This script should not be called directly. It relies on
      variables defined by the setup.sh script.
      The issue is what do you do if the user account already exists?
      At this point nothing. :)
echo " "
echo "Adding the user group $GROUPNAME. Ignore warnings if the group already exists" #
LTF - spelling error 9/17/99
echo " "
groupadd $GROUPNAME
if ! [ -d $USER BASE DIR ]
 mkdir $USER_BASE_DIR
fi
echo " "
echo "Adding users.... if there are any errors creating users, verify that"
echo "..... that the problem is not critical"
echo " "
useradd -g $GROUPNAME -d $USER BASE DIR/$APACHE -s /bin/ksh $APACHE
mkdir $USER_BASE_DIR/$APACHE
echo "Completed adding user SAPACHE"
echo "... now adding profiles"
echo " "
```

```
cat ${INSTALL_HOME}/templates/apache/startApache | \
   sed "s+O_R_A_C_L_E_A_P_B_A_S_E+${ORACLE_AP_BASE}+"g \
   > "$USER_BASE_DIR/${APACHE}/startApache"
   chmod +x "$USER_BASE_DIR/${APACHE}/startApache"

cat ${INSTALL_HOME}/templates/apache/stopApache | \
   sed "s+O_R_A_C_L_E_A_P_B_A_S_E+${ORACLE_AP_BASE}+"g \
   > "$USER_BASE_DIR/${APACHE}/stopApache"

chmod +x "$USER_BASE_DIR/${APACHE}/stopApache"

# Change ownership of the files just created

chown -R $APACHE:$GROUPNAME $USER_BASE_DIR/$APACHE
```

```
#!/bin/ksh
# Filename:
                   createUsers_np.sh
# Utility for creating NetP user account for iSpeed systems
# Description:
      This script is called by the setup.sh script, the main script
      which performs the iPrototype installation. It creates the
      user, user directory, shell scripts and group. If any of these
      exist already, it displays a message to that effect and continues.
      It will not cause an error and stop the setup.sh script.
      This script should not be called directly. It relies on
      variables defined by the setup.sh script.
      The issue is what do you do if the user account already exists?
      At this point nothing. :)
echo " "
echo "Adding the user group $GROUPNAME. Ignore warnings if the group already exists"
echo " "
groupadd $GROUPNAME
if ! [ -d $USER_BASE_DIR ]
then
 mkdir $USER_BASE_DIR
fi
echo " "
echo "Adding users.... if there are any errors creating users, verify that"
echo "..... that the problem is not critical"
echo " "
useradd -g $GROUPNAME -d $USER_BASE_DIR/$NETP -s /bin/ksh $NETP
mkdir $USER_BASE_DIR/$NETP
echo "Completed adding the user $NETP"
echo "... now adding profiles"
echo " "
cat ${INSTALL_HOME}/templates/netp/stopNETP | \
    sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g \
```

```
> "$USER_BASE_DIR/${NETP}/stopNETP"

cat ${INSTALL_HOME}/templates/netp/startNETP | \
    sed "s+O_R_A_C_L_E_N_P_B_A_S_E+${ORACLE_NP_BASE}+"g | cat | \
    sed "s+O_R_A_C_L_E_S_I_D+${oracle_sid}+"g | cat | \
    sed "s+I_C_S+${ICS}+"g | cat | \
    sed "s+O_R_A_C_L_E_U_S_E_R+${ORACLE}+"g \
    > "$USER_BASE_DIR/${NETP}/startNETP"

chmod +x "$USER_BASE_DIR/${NETP}/startNETP"

chmod +x "$USER_BASE_DIR/${NETP}/stopNETP"

#

# Change ownership of the files just created

chown -R $NETP:$GROUPNAME $USER_BASE_DIR/$NETP
```

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```

```
#!/bin/ksh
      # Filename:
                        createUsers_db.sh
      # Utility for creating Oracle user account for iSpeed systems
      # Description:
            This script is called by the setup.sh script, the main script
            which performs the iPrototype installation. It creates the
            user, user directory, shell scripts and group. If any of these
            exist already, it displays a message to that effect and continues.
            It will not cause an error and stop the setup.sh script.
            This script should not be called directly. It relies on
            variables defined by the setup.sh script.
            The issue is what do you do if the user account already exists?
            At this point nothing. :)
      # Revision History
      # Date
                        Who
                                    Why
      # 01/31/2000 rwessa
                              Initial create date
      $INSTALL_HOME/echodbg.sh "Adding user group $GROUPNAME. Ignore warnings if the group
      already exists." 4
      groupadd $GROUPNAME
      if ! [ -d $USER BASE DIR ]
        $INSTALL_HOME/echodbg.sh "The base user directory $USER_BASE_DIR will be created..." 4
        mkdir $USER BASE DIR
      else
        $INSTALL_HOME/echodbg.sh "The base user directory $USER_BASE_DIR already exists ..." 4
       $INSTALL_HOME/echodbg.sh "Adding user $ORACLE..." 4
      useradd -g $GROUPNAME -d $USER_BASE_DIR/$ORACLE -s /bin/ksh $ORACLE
      if [ "$?" = "9" ] ; then
        $INSTALL_HOME/echodbg.sh "User $ORACLE exists. Verify that is the desired username!" 4
      fi
      mkdir $USER BASE DIR/$ORACLE
```

```
$INSTALL HOME/echodbg.sh "User $ORACLE created." 4
 $INSTALL_HOME/echodbg.sh "Creating $USER_BASE_DIR/${ORACLE}/.profile." 4
cat ${INSTALL_HOME}/templates/oracle/profile | \
   sed "s+D_O M A I N+${domain}+"g | cat | \
   sed "s+O R A C L E S I D+${ORACLE SID}+"q | cat | \
   sed "s+O_R_A_C_L_E_B_A_S_E+${ORACLE_BASE}+"g | cat | \
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE_HOME}+"g | cat | \
   sed "s+H_O_S_T_N_A_M_E+${hostname}+"g | cat | \
   sed "s+I_C_S+${ICS}+"g \
   > "$USER_BASE_DIR/${ORACLE}/.profile"
# Copy startup and shutdown scripts over to the Oracle home directory
$INSTALL_HOME/echodbg.sh "Creating startCTX and stopCTX scripts ..." 4
cp ${INSTALL_HOME}/templates/oracle/startCTX $USER BASE DIR/$ORACLE
cp ${INSTALL HOME}/templates/oracle/stopCTX $USER BASE DIR/$ORACLE
 $INSTALL HOME/echodbg.sh "Creating $USER BASE DIR/${ORACLE}/startNET${oracle sid}..." 4
cat ${INSTALL_HOME}/templates/oracle/startNET | \
   sed "s+O R A C L E S I D+${ORACLE SID}+"q \
   > "$USER_BASE_DIR/${ORACLE}/startNET${oracle sid}"
 $INSTALL_HOME/echodbg.sh "Creating $USER_BASE_DIR/${ORACLE}/stopNET${oracle_sid}..." 4
cat ${INSTALL_HOME}/templates/oracle/stopNET | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g \
   > "$USER BASE DIR/${ORACLE}/stopNET${oracle sid}"
 $INSTALL_HOME/echodbg.sh "Creating $USER BASE DIR/${ORACLE}/startDB${oracle sid}..." 4
cat ${INSTALL_HOME}/templates/oracle/startDB | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE SID}+"g | cat | \
   sed "s+o_r_a_c_l_e_s_i_d+${oracle_sid}+"g |cat |\
   sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE HOME}+"g \
   > "$USER_BASE_DIR/${ORACLE}/startDB${oracle_sid}"
 $INSTALL_HOME/echodbg.sh "Creating $USER_BASE_DIR/${ORACLE}/stopDB${oracle sid}..." 4
cat ${INSTALL_HOME}/templates/oracle/stopDB | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g \
   > "$USER_BASE_DIR/${ORACLE}/stopDB${oracle sid}"
```

```
$INSTALL_HOME/echodbg.sh "Adding execute privilege ..." 4

chmod +x "$USER_BASE_DIR/${ORACLE}/stopCTX"

chmod +x "$USER_BASE_DIR/${ORACLE}/stopDET${oracle_sid}"

chmod +x "$USER_BASE_DIR/${ORACLE}/stopDB${oracle_sid}"

chmod +x "$USER_BASE_DIR/${ORACLE}/startCTX"

chmod +x "$USER_BASE_DIR/${ORACLE}/startNET${oracle_sid}"

chmod +x "$USER_BASE_DIR/${ORACLE}/startDB${oracle_sid}"

# Change ownership of the files just created

$INSTALL_HOME/echodbg.sh "Setting proper ownership of these files ..." 4

chown -R $ORACLE:$GROUPNAME $USER_BASE_DIR/$ORACLE

$INSTALL_HOME/echodbg.sh "User $ORACLE setup complete." 4
```

```
#!/bin/ksh
# Filename:
                 createUsers_vgn.sh
# Utility for creating the Vignette user accounts for iSpeed systems
# Written by Lane Findley 8/1/99
       Oracle Corporation
# This is a very simple routine that will generate errors in many cases.
# The issue is what do you do if the user account already exists?
# At this point nothing. :)
# Do not call this script directly. It should be called from the main
# setup.sh script.
# Revision History
# 03/14/2000 rwessa
                          Redone for iPrototype Phase 2.
echo " "
echo "Adding the $GROUPNAME group. Ignore warnings if the group already exists"
groupadd $GROUPNAME
if ! [ -d $USER BASE DIR ]
 mkdir $USER_BASE_DIR
fi
echo " "
echo "Adding users.... if there are any errors creating users, verify that"
echo "..... that the problem is not critical"
echo " "
useradd -g $GROUPNAME -d $USER_BASE_DIR/$VIGNETTE -s /bin/ksh $VIGNETTE
mkdir $USER BASE DIR/$VIGNETTE
echo "Completed adding the user $VIGNETTE"
echo "... now adding profiles"
echo " "
```

```
cat ${INSTALL_HOME}/templates/vignette/startVignette | \
    sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g \
    > "$USER_BASE_DIR/${VIGNETTE}/startVignette"
chmod +x "$USER_BASE_DIR/${VIGNETTE}/startVignette"

cat ${INSTALL_HOME}/templates/vignette/stopVignette | \
    sed "s+O_R_A_C_L_E_V_G_N_B_A_S_E+${ORACLE_VGN_BASE}+"g \
    > "$USER_BASE_DIR/${VIGNETTE}/stopVignette"

chmod +x "$USER_BASE_DIR/${VIGNETTE}/stopVignette"

# Change ownership of the files just created

chown -R $VIGNETTE:$GROUPNAME $USER_BASE_DIR/$VIGNETTE
```

```
#!/bin/ksh
# Filename: echodbg.sh
# Author:
           Robert Wessa
           Northeast eBusiness Center
           Oracle Corporation
# Description:
# This script is may be called from the main setup.sh script
# which installs iPrototype. It should not be called directly
# This script can be used to pause the installation process and
# to echo information during the installation process.
# Parameters:
             $1 = string to echo if
             $2 = POZ, (for previous version) 1,2,3, 4
             or string to echo without pausing
          Explanation of value for $2
     1 Always and only echo to logfile
     2 Always echo to logfile and screen
     3 echo to logfile and screen only if debugging
     4 echo to logfile and screen, pause if debugging
     5 echo to logfile and screen, always pause
       Any other value will log $1 to log file
# Revision History
# Date
# 03/14/2000 rwessa
                          Created
if [ $# = "0" ] ; then
# shouldn't happen
echo "echodbg routine received no parameters, aborting ..."
date
echo "Error: echodbg routine received no parameters..." >> $INSTALL_LOGFILE
date >> $INSTALL LOGFILE
exit 1
fi
if [ $# = "1" ] ; then
# simply echo to logfile if only one parameter
```

fi

```
echo $1 >> $INSTALL_LOGFILE
else
if [ "$2" = "1" ] ; then
  echo $1 >> $INSTALL_LOGFILE
elif [ "$2" = "2" ] ; then
  echo $1
elif [ "$2" = "3" ] ; then
  if [ "$SHOWDBG" = "YES" ] ; then
  echo $1
  echo $1 >> $INSTALL_LOGFILE
    if [ "$DBGLEVEL" = "1" ] ; then
      echo "Hit return to continue..."
      read ans
    fi
   fi
   echo $1
 elif [ $2" = 4" ] ; then
   echo $1 >> $INSTALL_LOGFILE
  echo $1
   if [ "$SHOWDBG" = "YES" ] ; then
      echo "Hit return to continue..."
      read ans
   fi
elif [ "$2" = "5" ] ; then
  echo $1 >> $INSTALL_LOGFILE
  echo $1
  echo "Hit return to continue..."
   read ans
fi
```

```
#!/bin/ksh
# Filename: setLinks_full.sh
# Author:
         Robert Wessa
          Northeast eBusiness Center
#
          Oracle Corporation
# Description:
# This script calls the appropriate scripts to remove and recreate the
# necessary links to make iPrototype work after cloning.
# The cloning process will change the directory structure and
# and links must be recreated to match.
# Revision History
# Date
# 03/14/2000 rwessa
                       Created
if [ $INSTALL_TYPE = "F" ] ; then
. $INSTALL_HOME/setLinks db.sh
. $INSTALL_HOME/setLinks_i.sh
fi
```

```
#!/bin/ksh
#
#
# Remove dangling links for SCCS embedded in the Oracle home
# directory tree.
rm `find "${ORACLE_VGN_BASE}" -local -name SCCS -print`
```

```
#!/bin/ksh
# Filename: setLinks_db.sh
# Author:
          Robert Wessa
           Northeast eBusiness Center
#
           Oracle Corporation
# Description:
\ensuremath{\mathtt{\#}} This script removes and recreates the appropriate links
# within the Oracle directory structure for iPrototype to work after cloning.
# The cloning process will change the directory structure and
# and links must be recreated to match.
# Revision History
# Date
# 03/14/2000 rwessa
                         Created
# --------
rm $ORACLE_HOME/network/agent/library/libosm.so
ln -s $ORACLE_HOME/lib/libosm.so \
$ORACLE_HOME/network/agent/library/libosm.so
```

```
#!/bin/ksh
#
#
# Remove dangling links for SCCS embedded in the Apache
# directory tree.
rm `find "${ORACLE_AP_BASE}" -local -name SCCS -print`
```

```
#!/bin/ksh
# Filename: reconfigureVignette.sh
# Author:
           Robert Wessa
           Northeast eBusiness Center
#
           Oracle Corporation
# Description:
# This script reconfigures Vignette as part of the cloning process
# It must start up CMS, update the CAS entries, and remove the old
# ones which are invalid and remove the old directories. The new
# CAS directory should have been created during the cloning process
# removes and recreates the appropriate links
#
# Usage:
# This script has to run as root and should not be called directly.
# The setup.sh procedure executed at cloning will eventually call this
# if the Vignette option has been chosen.
# Revision History
# Date
# 03/14/2000 rwessa
                           Created
# -------------
CAS_PORT=${PORT_APACHE}
$INSTALL_HOME/echodbg.sh "Entering reconfigVignette.sh" 2
$INSTALL_HOME/echodbg.sh "Starting the CMS & CAS Servers " 4
# use scripts in vignette user home directory
# scripts perform a stop first, then a start
cd $USER_BASE DIR/$VIGNETTE
$INSTALL_HOME/echodbg.sh "`pwd`" 3
./startVignette # we should start and stop Vignette as root
cd $ORACLE_VGN_BASE/StoryServer/R4.2/bin/solaris
$INSTALL_HOME/echodbg.sh "`pwd`" 3
./sspm listinstalls >> $INSTALL_LOGFILE
set > $INSTALL_HOME/set.log
```

```
$INSTALL_HOME/echodbg.sh "Adding the new CAS to the CMS" 3
$INSTALL HOME/echodbg.sh "cd
$ORACLE_VGN_BASE/StoryServer/R4.2/conf/${hostname}-${PORT APACHE}-1" 4
cd $ORACLE_VGN_BASE/StoryServer/R4.2/conf/${hostname}-${PORT APACHE}-1
$INSTALL_HOME/echodbg.sh "running admin updatepe" 4
$INSTALL_HOME/echodbg.sh "pwd for updatepe='pwd'" 4
chmod 775 ./admin
./admin updatepe
$INSTALL_HOME/echodbg.sh "updatepe completed" 3
$INSTALL_HOME/echodbg.sh "Removing the old CAS from the CMS " 3
cd $ORACLE_VGN_BASE/StoryServer/R4.2/bin/solaris
# Note if the sspm sspm command prompts you to delete the install,
# You should simply enter <RETURN> at this prompt.
$INSTALL_HOME/echodbg.sh " listing sspm commands to delete config and installs..." 4
$INSTALL_HOME/echodbg.sh "`pwd`" 4
$INSTALL_HOME/echodbg.sh "./sspm deleteconfig
${old_hostname}:${ORACLE_VGN_BASE_OLD}/StoryServer/R4.2
${old_hostname}-${CAS_PORT_OLD}-1" 4
$INSTALL_HOME/echodbg.sh "./sspm deleteinstall
${old_hostname}:${ORACLE_VGN_BASE_OLD}/StoryServer/R4.2" 4
./sspm deleteconfig ${old_hostname}:${ORACLE_VGN_BASE_OLD}/StoryServer/R4.2
${old_hostname}-${CAS_PORT_OLD}-1
./sspm deleteinstall ${old_hostname}:${ORACLE_VGN_BASE_OLD}/StoryServer/R4.2
$INSTALL_HOME/echodbg.sh "old CAS entry has been deleted and new entry added." 4
./sspm listinstalls >> $INSTALL LOGFILE
$INSTALL_HOME/echodbg.sh "reconfigVignette.sh done. `date`" 2
```

```
#!/bin/ksh
# Filename: setPasswords.sh
#Description
# This file is called during the iPrototype cloning process.
# It accepts a parameter representing a username for which to set a password.
# If no parameter is supplied, it aborts with an error.
# This file is interactive in that you will be prompted for the password.
#
. $INSTALL_HOME/echodbg.sh "Setting password for the user $1"
if [ "$1" ] ; then
passwd $1
else
 echo " No Parameter supplied for setPasswords.sh routine"
 echo " Program aborted."
 exit 1
fi
# create links so that there is only one set of tnsnames.ora and listener.ora files
rm $ORACLE_OAS_PROD_BASE/network/admin/listener.ora
rm $ORACLE_OAS_PROD_BASE/network/admin/tnsnames.ora
ln -s $ORACLE_HOME/network/admin/listener.ora
$ORACLE_OAS_PROD_BASE/network/admin/listener.ora
ln -s $ORACLE_HOME/network/admin/tnsnames.ora
$ORACLE_OAS_PROD_BASE/network/admin/tnsnames.ora
chown $ICS:$GROUPNAME $ORACLE_OAS_PROD_BASE/network/admin/listener.ora
chown $ICS:$GROUPNAME $ORACLE_OAS_PROD_BASE/network/admin/tnsnames.ora
```

```
#!/bin/ksh
# Filename: setNet db.sh
# Author:
           rwessa
           Oracle Corporation
# Description:
            This file will create the tnsnames.ora and listener.ora file
            needed in the network admin directory for the <code>$ORACLE_HOME</code>
#
            for the database.
#
            We no longer use links to create the OAS ORACLE_HOME version,
            since they may now be on separate machines.
            Instead, create two identical files based on the same
#
#
            template, with separate create scripts for each. There is a
            corresponding setNet_i.sh script to create the tnsnames and
#
#
            listener files for OAS.
# Date
            Who
                         Why
# 4/19/2000 rwessa
                         Created.
. $INSTALL_HOME/echodbg.sh "setNet_db.sh: Creating listener.ora and tnsnames.ora..."
cat ${INSTALL_HOME}/templates/oracle/listener.ora | \
   sed "s+T_N_S_P_O_R_T+${TNS_PORT}+"g | cat | \
  sed "s+h_o_s_t_n_a m e+${hostname}+"g | cat | \
  sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE HOME}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I D+${ORACLE SID}+"g \
   > "${ORACLE_HOME}/network/admin/listener.ora"
\label{local_chown} $$\{ORACLE_{:}$\{GROUPNAME} \ "$\{ORACLE_{HOME}\}/network/admin/listener.ora"\}$$
chown ${ORACLE}:${GROUPNAME} "${ORACLE_HOME}/network/admin/listener.ora" >> $scriptfile
cat ${INSTALL_HOME}/templates/oracle/tnsnames.ora | \
  sed "s+T_N_S_P_O_R_T+${TNS_PORT}+"g | cat | \
  sed "s+d_o_m a i n+${domain}+"q | cat | \
  sed "s+h_o_s_t_n_a_m_e+${hostname}+"g | cat | \
  sed "s+O_R_A_C_L_E_H_O_M_E+${ORACLE HOME}+"g | cat | \
  sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID}+"g \
  > "${ORACLE HOME}/network/admin/tnsnames.ora"
chown ${ORACLE}:${GROUPNAME} "${ORACLE_HOME}/network/admin/tnsnames.ora"
```

chown \${ORACLE}:\${GROUPNAME} "\${ORACLE_HOME}/network/admin/tnsnames.ora" >> \$scriptfile
. \$INSTALL_HOME/echodbg.sh "setNet_db.sh: done"

```
#!/bin/ksh
# Filename1: configureDBna.sh
# Description: Reconfigures the cloned database (nademo) for net.genesis.
              This script should NOT be called directly but needs
              to be called from the main setup.sh installation script
              for iPrototype Version 2.
# Parameters: Requires special parameters
                  ORACLE_SID NA
                  oracle_sid_na
                  DB_DATA_DIR_NA
                  DB ROOT DIR NA
# 5/10/2000 rwessa
                        Created, based on standard configureDB script
. $INSTALL_HOME/echodbg.sh " entering configureDB.sh ... " 2
scriptfile=$INSTALL LOGFILE
echo DB_DATA_DIR=$DB_DATA_DIR_NA >> $scriptfile
ls -la $DB_DATA_DIR_NA >> $scriptfile
date >> $scriptfile
set >> $scriptfile
echo " " >> $scriptfile
pwd >> $scriptfile
#mv "$DB_ROOT_DIR_NA/${OLD_ORACLE_SID}" "${DB_DATA_DIR}/${ORACLE_SID_NA}"
# echo mv "$DB_ROOT_DIR_NA/${OLD_ORACLE_SID}" "${DB_DATA_DIR_NA}/${ORACLE_SID_NA}" >>
$scriptfile
#chown "${ORACLE}":$GROUPNAME "${DB_DATA_DIR_NA}/${ORACLE_SID_NA}"
# echo chown "${ORACLE}":$GROUPNAME "${DB_DATA_DIR_NA}/${ORACLE_SID_NA}" >> $scriptfile
mv "${ORACLE_BASE}/admin/${OLD_ORACLE_SID}" "${ORACLE_BASE}/admin/${ORACLE_SID_NA}"
echo mv "${ORACLE_BASE}/admin/${OLD_ORACLE_SID}" "${ORACLE_BASE}/admin/${ORACLE_SID_NA}"
>> $scriptfile
rm "${DB_DATA_DIR_NA}/rdol1${OLD_ORACLE SID}.dbf"
echo rmstat $?"${DB_DATA_DIR_NA}/rdol1${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR_NA}/rdo12${OLD_ORACLE SID}.dbf"
```

```
echo rmstat $? "${DB_DATA_DIR_NA}/rdo12${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR_NA}/rdo${OLD ORACLE SID}13.dbf"
 echo rmstat $? "${DB_DATA_DIR_NA}/rdo13${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR_NA}/rdo21${OLD_ORACLE_SID}.dbf"
 echo rmstat $? "${DB_DATA_DIR_NA}/rdo21${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR_NA}/rdo22${OLD_ORACLE_SID}.dbf"
 echo rmstat $? "${DB_DATA_DIR_NA}/rdo22${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA DIR NA}/rdo23${OLD ORACLE SID}.dbf"
 echo rmstat $? "${DB_DATA_DIR_NA}/rdo23${OLD_ORACLE_SID}.dbf" >> $scriptfile
rm "${DB_DATA_DIR_NA}/ctl1${OLD ORACLE SID}.ctl"
 echo rmstat $? "${DB_DATA_DIR_NA}/ctl1${OLD_ORACLE_SID}.ctl" >> $scriptfile
rm "${DB_DATA_DIR_NA}/ctl2${OLD ORACLE SID}.ctl"
 echo rmstat $? "${DB_DATA_DIR_NA}/ctl2${OLD_ORACLE_SID}.ctl" >> $scriptfile
cd "${DB_DATA DIR NA}"
cd "${DB_DATA_DIR_NA}"
                        >> $scriptfile
pwd >> $scriptfile
for source in *.dbf
  destination=`echo ${source} | sed "s/${OLD ORACLE SID}/${ORACLE SID NA}/"`
  if [ "${source}" != "${destination}" ]
  then
      echo "\tRenaming ${source} to ${destination}..." >> $scriptfile
      echo mv ${source} "${destination}" >> $scriptfile
      mv ${source} "${destination}"
      echo $? Move status for ${source} "${destination}" >> $scriptfile
  fi
  chown ${ORACLE}:$GROUPNAME "${destination}"
  chown ${ORACLE}:$GROUPNAME "${destination}" >> $scriptfile
done
. $INSTALL_HOME/echodbg.sh "creating
${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/config${ORACLE_SID_NA}.ora ..." 4
cat ${INSTALL_HOME}/templates/oracle/configDB.ora | \
   sed "s+D_B_D_A_T_A_D_I_R+${DB_DATA_DIR_NA}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE SID NA}+"g | cat | \
   sed "s+O_R_A_C_L_E_B_A_S_E+${ORACLE_BASE}+"g \
   > "${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/config${ORACLE_SID_NA}.ora"
chown ${ORACLE}:$GROUPNAME
"${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/config${ORACLE_SID_NA}.ora"
echo chown ${ORACLE}:$GROUPNAME
"${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/config${ORACLE_SID_NA}.ora" >> $scriptfile
```

```
ln -s "${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/config${ORACLE_SID_NA}.ora" \
     "${ORACLE_HOME}/dbs/config${ORACLE_SID_NA}.ora"
 echo ln -s "${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/config${ORACLE_SID_NA}.ora" \
     "${ORACLE_HOME}/dbs/config${ORACLE_SID_NA}.ora" >> $scriptfile
. $INSTALL_HOME/echodbg.sh "creating
${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/init${ORACLE_SID_NA}.ora" 4
cat ${INSTALL_HOME}/templates/oracle/initDB.ora | \
   sed "s+D_B_D_A_T_A_D_I_R+${DB_DATA_DIR_NA}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID_NA}+"g | cat | \
   sed "s+O_R_A_C_L_E_B_A_S_E+${ORACLE_BASE}+"g \
   > "${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/init${ORACLE_SID_NA}.ora"
chown ${ORACLE}:$GROUPNAME
"${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/init${ORACLE_SID_NA}.ora"
 echo chown ${ORACLE}:$GROUPNAME
"${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/init${ORACLE_SID_NA}.ora" >> $scriptfile
ln -s "${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/init${ORACLE_SID_NA}.ora" \
     "${ORACLE_HOME}/dbs/init${ORACLE_SID_NA}.ora"
 echo ln -s "${ORACLE_BASE}/admin/${ORACLE_SID_NA}/pfile/init${ORACLE_SID_NA}.ora" \
     "${ORACLE_HOME}/dbs/init${ORACLE_SID_NA}.ora" >> $scriptfile
. $INSTALL_HOME/echodbg.sh "creating ${DB_DATA_DIR_NA}/cr${ORACLE_SID_NA}ctrl.sql" 4
cat ${INSTALL_HOME}/templates/oracle/crctrl.sql | \
   sed "s+D_B_D_A_T_A_D_I_R+${DB_DATA_DIR_NA}+"g | cat | \
   sed "s+O_R_A_C_L_E_S_I_D+${ORACLE_SID_NA}+"g | cat | \
   sed "s+O_R_A_C_L_E_B_A_S_E+${ORACLE BASE}+"g \
   > "${DB_DATA_DIR_NA}/cr${ORACLE SID NA}ctrl.sql"
chown ${ORACLE}:$GROUPNAME "${DB_DATA_DIR_NA}/cr${ORACLE_SID NA}ctrl.sql"
# Use svrmgr to create new control files
. $INSTALL_HOME/echodbg.sh "Attempting to run svrmgr to create control files..." 4
su - ${ORACLE} -c "
ORACLE_SID=${ORACLE SID NA}
ORAENV_ASK=NO
cat "${DB_DATA_DIR_NA}/cr${ORACLE_SID_NA}ctrl.sql" | svrmgrl
# Now start database and ths listener
su - ${ORACLE} -c "startDB${oracle_sid_na}"
su - ${ORACLE} -c "startNET${oracle_sid_na}"
```

. \$INSTALL_HOME/echodbg.sh "configureDBna.sh completed." 2

```
~DIRECTORY: templates\apache\
~~~TEMPLATE: \apache\access.conf
~~~access.conf
# access.conf: Global access configuration
# Online docs at http://www.apache.org/
# This file defines server settings which affect which types of services
# are allowed, and in what circumstances.
# Each directory to which Apache has access, can be configured with respect
# to which services and features are allowed and/or disabled in that
# directory (and its subdirectories).
# Originally by Rob McCool
# First, we configure the "default" to be a very restrictive set of
# permissions.
<Directory />
Options FollowSymLinks
AllowOverride None
</Directory>
# Note that from this point forward you must specifically allow
# particular features to be enabled - so if something's not working as
# you might expect, make sure that you have specifically enabled it
# below.
# This should be changed to whatever you set DocumentRoot to.
#<Directory "O_R_A_C_L_E_A_P_B_A S E/htdocs">
<Directory "O_R_A_C_L_E_V_G_N_B_A_S_E/cas-docs">
# This may also be "None", "All", or any combination of "Indexes",
# "Includes", "FollowSymLinks", "ExecCGI", or "MultiViews".
# Note that "MultiViews" must be named *explicitly* --- "Options All"
# doesn't give it to you.
#Options Indexes FollowSymLinks
# ******* VIGNETTE ADDITIONS ********
Options Indexes FollowSymLinks Includes
# ****** VIGNETTE ADDITIONS ********
# This controls which options the .htaccess files in directories can
# override. Can also be "All", or any combination of "Options", "FileInfo",
# "AuthConfig", and "Limit"
AllowOverride None
# Controls who can get stuff from this server.
order allow, deny
allow from all
</Directory>
# O_R_A_C_L_E_A_P B A S E/cgi-bin should be changed to whatever your ScriptAliased
```

```
# CGI directory exists, if you have that configured.
<Directory "O_R_A_C_L_E_A_P_B_A_S_E/cgi-bin">
AllowOverride None
Options None
</Directory>
# Allow server status reports, with the URL of http://servername/server-status
# Change the ".your_domain.com" to match your domain to enable.
#<Location /server-status>
#SetHandler server-status
#order deny,allow
#deny from all
#allow from .your domain.com
#</Location>
# Allow remote server configuration reports, with the URL of
# http://servername/server-info (requires that mod_info.c be loaded).
# Change the ".your_domain.com" to match your domain to enable.
#<Location /server-info>
#SetHandler server-info
#order deny,allow
#deny from all
#allow from .your_domain.com
#</Location>
# There have been reports of people trying to abuse an old bug from pre-1.1
# days. This bug involved a CGI script distributed as a part of Apache.
# By uncommenting these lines you can redirect these attacks to a logging
# script on phf.apache.org. Or, you can record them yourself, using the script
# support/phf abuse log.cgi.
#<Location /cgi-bin/phf*>
#deny from all
#ErrorDocument 403 http://phf.apache.org/phf_abuse_log.cgi
#</Location>
# You may place any other directories or locations you wish to have
# access information for after this one.
# ******* VIGNETTE ADDITIONS ********
<Location /ServerSideFunction/>
SetHandler ServerSideFunction
allow from all
</Location>
# ******* VIGNETTE ADDITIONS ********
~~~TEMPLATE: \apache\apachectl
~~~apachetl
#!/bin/sh
# Apache control script designed to allow an easy command line interface
# to controlling Apache. Written by Marc Slemko, 1997/08/23
# The exit codes returned are:
      0 - operation completed successfully
```

```
2 - usage error
      3 - httpd could not be started
      4 - httpd could not be stopped
      5 - httpd could not be started during a restart
      6 - httpd could not be restarted during a restart
      7 - httpd could not be restarted during a graceful restart
      8 - configuration syntax error
# When multiple arguments are given, only the error from the _last
# one is reported. Run "apachectl help" for usage info
 #
# the path to your PID file
#PIDFILE=O_R_A_C_L_E_A_P_B_A_S_E/var/run/httpd.pid
PIDFILE=O_R_A_C_L_E_A_P_B_A_S_E/logs/httpd.pid
# the path to your httpd binary, including options if necessary
HTTPD=O_R_A_C_L_E_A_P_B_A_S_E/sbin/httpd
# a command that outputs a formatted text version of the HTML at the
# url given on the command line. Designed for lynx, however other
# programs may work.
LYNX="lynx -dump"
# the URL to your server's mod_status status page. If you do not
# have one, then status and fullstatus will not work.
STATUSURL="http://localhost/server-status"
# ||||||| END CONFIGURATION SECTION ||||||||||||||
ERROR=0
ARGV="$@"
if [ "x$ARGV" = "x" ] ; then
   ARGS="help"
fi
for ARG in $@ $ARGS
do
   # check for pidfile
   if [ -f $PIDFILE ] ; then
      PID=`cat $PIDFILE`
      if kill -0 $PID; then
          STATUS="httpd (pid $PID) running"
          RUNNING=1
      else
          STATUS="httpd (pid $PID?) not running"
          RUNNING=0
      fi
   else
      STATUS="httpd (no pid file) not running"
      RUNNING=0
   fi
   case $ARG in
```

```
start)
  if [ $RUNNING -eq 1 ]; then
       echo "$0 $ARG: httpd (pid $PID) already running"
       continue
  fi
  if $HTTPD ; then
      echo "$0 $ARG: httpd started"
      echo "$0 $ARG: httpd could not be started"
      ERROR=3
  fi
  ;;
stop)
  if [ $RUNNING -eq 0 ]; then
      echo "$0 $ARG: $STATUS"
      continue
  fi
  if kill $PID ; then
       echo "$0 $ARG: httpd stopped"
       echo "$0 $ARG: httpd could not be stopped"
      ERROR=4
  fi
  ;;
restart)
  if [ $RUNNING -eq 0 ]; then
       echo "$0 $ARG: httpd not running, trying to start"
      if $HTTPD ; then
         echo "$0 $ARG: httpd started"
      else
         echo "$0 $ARG: httpd could not be started"
         ERROR=5
      fi
  else
       if $HTTPD -t >/dev/null 2>&1; then
         if kill -HUP $PID ; then
             echo "$0 $ARG: httpd restarted"
             echo "$0 $ARG: httpd could not be restarted"
             ERROR=6
         fi
      else
         echo "$0 $ARG: configuration broken, ignoring restart"
         echo "$0 $ARG: (run 'apachectl configtest' for details)"
         ERROR=6
      fi
  fi
  ;;
graceful)
  if [ $RUNNING -eq 0 ]; then
      echo "$0 $ARG: httpd not running, trying to start"
      if $HTTPD; then
         echo "$0 $ARG: httpd started"
      else
         echo "$0 $ARG: httpd could not be started"
         ERROR=5
      fi
  else
      if $HTTPD -t >/dev/null 2>&1; then
```

```
if kill -USR1 $PID ; then
                 echo "$0 $ARG: httpd gracefully restarted"
                 echo "$0 $ARG: httpd could not be restarted"
                ERROR=7
             fi
          else
             echo "$0 $ARG: configuration broken, ignoring restart"
             echo "$0 $ARG: (run 'apachectl configtest' for details)"
             ERROR=7
          fi
      fi
      ;;
    status)
      $LYNX $STATUSURL | awk ' /process$/ { print; exit } { print } '
    fullstatus)
      $LYNX $STATUSURL
      ;;
    configtest)
      if $HTTPD -t; then
      else
          ERROR=8
      fi
    *)
      echo "usage: $0 (start|stop|restart|fullstatus|status|graceful|configtest|help)"
      cat <<EOF
start
          - start httpd
stop
          - stop httpd
restart
          - restart httpd if running by sending a SIGHUP or start if
            not running
fullstatus - dump a full status screen; requires lynx and mod_status enabled
          - dump a short status screen; requires lynx and mod_status enabled
graceful
         - do a graceful restart by sending a SIGUSR1 or start if not running
configuest - do a configuration syntax test
          - this screen
EOF
      ERROR=2
    ;;
    esac
done
exit $ERROR
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~~~TEMPLATE: \apache\apxs
~~~apxs
#!no-perl-on-this-system
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##
##
##
   apxs -- APache eXtenSion tool
##
   Written by Ralf S. Engelschall <rse@apache.org>
##
require 5.003;
use strict;
package apxs;
##
##
   Configuration
##
```

```
my $CFG_CC
                      = 'gcc';
                                         # substituted via Makefile.tmpl
my $CFG CFLAGS
                     = ' -DSOLARIS2=260 `../apaci`';
                                                            # substituted via
Makefile.tmpl
my $CFG_CFLAGS SHLIB = ''; # substituted via Makefile.tmpl
                     = '';
my $CFG LD SHLIB
                                 # substituted via Makefile.tmpl
my $CFG_LDFLAGS_SHLIB = ''; # substituted via Makefile.tmpl
my $CFG_LIBS_SHLIB
                     = '';  # substituted via Makefile.tmpl
                     = 'O_R_A_C_L_E_A_P_B_A_S_E';
my $CFG_PREFIX
                                                   # substituted via APACI install
                     = 'O_R_A_C_L_E_A_P_B_A_S_E/sbin';
my $CFG_SBINDIR
                                                             # substituted via APACI
install
my $CFG_INCLUDEDIR
                      = 'O_R_A_C_L_E_A_P_B_A_S_E/include';
                                                             # substituted via APACI
install
my $CFG_LIBEXECDIR
                      = 'O_R_A_C_L_E_A_P_B_A_S_E/libexec';
                                                              # substituted via APACI
install
my $CFG_SYSCONFDIR
                      = 'O_R_A_C_L_E_A_P_B_A_S_E/etc';  # substituted via APACI install
##
## Cleanup the above stuff
##
$CFG_CFLAGS =~ s|\s+`.+apaci`||;
## Initial shared object support check
##
if (not grep(/mod_so/, `$CFG_SBINDIR/httpd -1`)) {
    print STDERR "apxs:Error: Sorry, no shared object support for Apache\n";
    print STDERR "apxs:Error: available under your platform. Make sure\n";
    print STDERR "apxs:Error: the Apache module mod_so is compiled into\n";
   print STDERR "apxs:Error: your server binary `$CFG_SBINDIR/httpd'.\n";
   exit(1);
}
##
## parse argument line
##
#
   defaults for parameters
my sopt n = '';
my \cdot sopt_g = '';
my \cdot pt_c = 0;
my $opt_o = '';
my @ opt_D = ();
my @opt I = ();
my @ opt_L = ();
my @ opt_1 = ();
my \cdot sopt_i = 0;
my \cdot pt_a = 0;
my \cdot Sopt_A = 0;
my sopt q = 0;
    this subroutine is derived from Perl's getopts.pl with the enhancement of
   the "+" metacharater at the format string to allow a list to be build by
   subsequent occurance of the same option.
sub Getopts {
   my ($argumentative, @ARGV) = @ ;
   my (@args, $first, $rest, $pos);
   my (\$errs) = 0;
```

```
local ($_);
    local (\$[) = 0;
    @args = split( / */, $argumentative);
    while (@ARGV && (\S_ = \$ARGV[0]) =~ /^-(.)(.*)/) {
        (\$first, \$rest) = (\$1,\$2);
        if (\$ = \ m - \$)
            shift (@ARGV);
            last;
        $pos = index($argumentative,$first);
        if($pos >= $[) {
            if($args[$pos+1] eq ':') {
                shift (@ARGV);
                if($rest eq '') {
                    unless (@ARGV) {
                        print STDERR "apxs:Error: Incomplete option: $first (needs an
argument) \n";
                         ++$errs;
                     $rest = shift(@ARGV);
                }
                eval "\$opt_$first = \$rest;";
            elsif ($args[$pos+1] eq '+') {
                shift (@ARGV);
                if($rest eq '') {
                    unless (@ARGV) {
                        print STDERR "apxs:Error: Incomplete option: $first (needs an
argument) \n";
                         ++$errs;
                    $rest = shift(@ARGV);
                }
                eval "push(\@opt_$first, \$rest);";
            }
            else {
                eval "\$opt_$first = 1";
                if($rest eq '') {
                    shift (@ARGV);
                else {
                    $ARGV[0] = "-$rest";
            }
        }
            print STDERR "apxs:Error: Unknown option: $first\n";
            ++$errs;
            if($rest ne '') {
                $ARGV[0] = "-$rest";
            else {
                shift(@ARGV);
        }
    return ($errs == 0, @ARGV);
}
```

```
sub usage {
           print STDERR "Usage: apxs -g -n <modname>\n";
           print STDERR "
                                 apxs -q <query> ...\n";
           print STDERR "
                                 apxs -c [-o <dsofile>] [-D <name>[=<value>]] [-I <incdir>]n;
                                          [-L <libdir>] [-l <libname>] <files> ...\n";
           print STDERR "
           print STDERR "
                                 apxs -i [-a] [-n <modname>] <dsofile> ...\n";
           exit(1);
       }
           option handling
       my $rc;
       ($rc, @ARGV) = &Getopts("qn:gco:I+D+L+l+iaA", @ARGV);
       &usage if ($rc == 0);
       &usage if ($#ARGV == -1 and not $opt_g);
       &usage if (not $opt_q and not ($opt_g and $opt_n) and not $opt_i and not $opt_c);
           argument handling
       my @args = @ARGV;
       my $name = 'unknown';
       $name = $opt_n if ($opt_n ne '');
       ##
       ##
           Operation
       ##
          helper function for executing a list of
Ţ
          system command with return code checks
sub execute_cmds {
           my (@cmds) = @_;
ı
           my ($cmd, $rc);
I
11
           foreach $cmd (@cmds) {
               print STDERR "$cmd\n";
-
               $rc = system("$cmd");
               if ($rc != 0) {
                   printf(STDERR "apxs:Break: Command failed with rc=%d\n", $rc << 8);</pre>
               }
           }
       }
       if ($opt_g) {
           ##
           ##
               SAMPLE MODULE SOURCE GENERATION
           ##
           if (-d $name) {
               print STDERR "apxs:Error: Directory `$name' already exists. Remove first\n";
               exit(1);
           my $data = join('', <DATA>);
           $data =~ s| %NAME% | $name | sg;
           my (\$mkf, \$src) = (\$data = -m | (.+) - = + - n(.+) | s);
           print STDERR "Creating [DIR] $name\n";
           system("mkdir $name");
           print STDERR "Creating [FILE] $name/Makefile\n";
```

```
open(FP, ">${name}/Makefile") || die;
    print FP $mkf;
    close(FP);
    print STDERR "Creating [FILE] $name/mod_$name.c\n";
    open(FP, ">${name}/mod ${name}.c") || die;
    print FP $src;
    close(FP);
    exit(0);
}
if ($opt_q) {
    ##
    ##
       QUERY INFORMATION
    ##
    my $result = '';
    my $arg;
    foreach $arg (@args) {
        my $ok = 0;
        my $name;
        foreach $name (qw(
            CC LD_SHLIB CFLAGS CFLAGS_SHLIB LDFLAGS SHLIB
            PREFIX SBINDIR INCLUDEDIR LIBEXECDIR SYSCONFDIR
        )) {
            if ($arg eq $name or $arg eq lc($name)) {
                my $val = eval "\$CFG_$name";
                $result .= "${val}::";
                sok = 1;
            }
        if (not $ok) {
            printf(STDERR "apxs:Error: Invalid query string `%s'\n", $arg);
            exit(1);
        }
    $result =~ s|::$||;
    $result =~ s|::| |;
   print $result;
}
if ($opt_c) {
    ##
    ##
       SHARED OBJECT COMPILATION
    ##
   #
       split files into sources and objects
   my @srcs = ();
   my @objs = ();
   my $f;
   foreach $f (@args) {
        if (f = m \setminus c)
            push (@srcs, $f);
        }
        else {
            push (@objs, $f);
    }
```

```
determine output file
my $dso file;
if ($opt_o eq '') {
    if ($#srcs > -1) {
        $dso_file = $srcs[0];
        $dso_file =~ s|\.[^.]+$|.so|;
    elsif ($#objs > -1) {
        $dso_file = $objs[0];
        dso_file = |s| . [^.] + |.so|;
    }
    else {
        $dso_file = "mod_unknown.so";
else {
    $dso_file = $opt_o;
   create compilation commands
my @cmds = ();
my $opt = '';
my ($opt_I, $opt_D);
foreach $opt_I (@opt_I) {
    $opt .= "-I$opt_I ";
foreach $opt_D (@opt_D) {
    $opt .= "-D$opt D ";
my $cflags = "$CFG_CFLAGS $CFG_CFLAGS_SHLIB";
my $s;
foreach $s (@srcs) {
    my $0 = $s;
    $0 =~ s|\.c$|.0|;
    push(@cmds, "$CFG_CC $cflags -I$CFG_INCLUDEDIR $opt -c $s");
    unshift(@objs, $o);
}
    create link command
my $cmd = "$CFG_LD SHLIB $CFG LDFLAGS SHLIB -o $dso file";
my $0;
foreach $0 (@objs) {
    $cmd .= " $0";
$opt = '';
my ($opt_L, $opt_1);
foreach $opt_L (@opt_L) {
    $opt .= " -L$opt_L";
foreach $opt_1 (@opt_1) {
    $opt .= " -1$opt_1";
$cmd .= $opt;
$cmd .= " $CFG_LIBS_SHLIB";
push (@cmds, $cmd);
    execute the commands
&execute_cmds(@cmds);
```

```
allow one-step compilation and installation
    if ($opt_i) {
       @args = ( $dso_file );
}
if ($opt_i) {
    ##
    ##
       SHARED OBJECT INSTALLATION
    ##
    #
       determine installation commands
       and corresponding LoadModule/AddModule directives
    my @lmd = ();
   my @amd = ();
   my @cmds = ();
   my $f;
    foreach $f (@args) {
        if ($f !~ m|\.so$|) {
           print STDERR "apxs:Error: file $f is not a shared object\n";
            exit(1);
        }
       my $t = $f;
        t = s^{-}.+/([^{/}]+)s|s|;
       push(@cmds, "cp $f $CFG_LIBEXECDIR/$t");
       push(@cmds, "chmod 755 $CFG_LIBEXECDIR/$t");
           determine module symbolname and filename
       my $filename = '';
        if ($name eq 'unknown') {
           $name = '';
           my $base = $f;
            se = | (...) + | ;
           if (-f "$base.c") {
               open(FP, "<$base.c");
               my $content = join('', <FP>);
               close(FP);
               if ($content =~
m|.*module\s+(?:MODULE_VAR_EXPORT\s+)?([a-zA-Z0-9]+) module\s*=\s*.*|s) {
                   $name = "$1";
                   $filename = "$base.c";
                   }
            if ($name eq '') {
               if (\$base =~ m \mid .*mod_([a-zA-Z0-9]+) \setminus ..+|) {
                   ne = "1";
                   $filename = $base;
                   }
            if ($name eq '') {
               print "apxs:Error: Sorry, cannot determine bootstrap symbol name\n";
               print "apxs:Error: Please specify one with option `-n'\n";
               exit(1);
            }
        if ($filename eq '') {
            $filename = "mod_${name}.c";
```

```
my $dir = $CFG_LIBEXECDIR;
       $dir =~ s|^$CFG_PREFIX/?||;
       push(@lmd, sprintf("LoadModule %-18s %s", "${name}_module", "$dir$t"));
       push(@amd, sprintf("AddModule %s", $filename));
   }
       execute the commands
   &execute cmds (@cmds);
       activate module via LoadModule/AddModule directive
   if ($opt_a or $opt_A) {
       if (not -f "$CFG SYSCONFDIR/httpd.conf") {
           print "apxs:Error: Config file $CFG_SYSCONFDIR/httpd.conf not found\n";
           exit(1);
       open(FP, "<$CFG_SYSCONFDIR/httpd.conf") || die;</pre>
       my $content = join('', <FP>);
       close (FP);
       if (\c m|\m **LoadModule\s+|) {
           print STDERR "apxs:Error: Activation failed for custom
$CFG_SYSCONFDIR/httpd.conf file.\n";
           print STDERR "apxs:Error: At least one `LoadModule' directive already has to
exist.\n";
           exit(1);
       }
       my $update = 0;
       my $1md;
       foreach $1md (@1md) {
           if ($content !~ m|\n#?\s*\$lmd|) {
                my $c = '';
                $c = '#' if ($opt_A);
                content = -s \cdot (.*\n\#?\s*LoadModule\s+[^\n]+\n) \cdot scslmd\n \cdot sg;
                $update = 1;
                $lmd =~ m|LoadModule\s+(.+?)_module.*|;
                my $what = $opt_A ? "preparing" : "activating";
                print STDERR "[$what module `$1' in $CFG_SYSCONFDIR/httpd.conf]\n";
           }
       }
       my $amd;
       foreach $amd (@amd) {
           if (\$content !~ m \mid n\#?\s*\$amd|) {
                my $c = '';
                $c = '#' if ($opt_A);
                $update = 1;
           }
       if ($update) {
           open(FP, ">$CFG_SYSCONFDIR/httpd.conf.new") || die;
           print FP $content;
           close(FP);
           system("cp $CFG_SYSCONFDIR/httpd.conf $CFG_SYSCONFDIR/httpd.conf.bak && " .
                  "cp $CFG_SYSCONFDIR/httpd.conf.new $CFG_SYSCONFDIR/httpd.conf && " .
                  "rm $CFG_SYSCONFDIR/httpd.conf.new");
```

```
}
}
##EOF##
 DATA
##
##
    Makefile -- Apache for sample %NAME% module
##
    Autogenerated via ``apxs -n %NAME% -g''.
##
    the used tools
APXS=apxs
APACHECTL=apachect1
    additional defines, includes and libraries
#DEF=-Dmy_define=my_value
#INC=-Imy/include/dir
#LIB=-Lmy/lib/dir -lmylib
    the default target
all: mod_%NAME%.so
    compile the shared object file
mod_%NAME%.so: mod %NAME%.c
      $(APXS) -c $(DEF) $(INC) $(LIB) mod_%NAME%.c
    install the shared object file into Apache
install: all
      $(APXS) -i -a -n '%NAME%' mod_%NAME%.so
    cleanup
clean:
       -rm -f mod_%NAME%.o mod_%NAME%.so
    simple test
test: reload
      lynx -mime_header http://localhost/%NAME%
    install and activate shared object by reloading Apache to
#
    force a reload of the shared object file
reload: install restart
    the general Apache start/restart/stop
#
    procedures
start:
      $(APACHECTL) start
restart:
      $(APACHECTL) restart
stop:
      $(APACHECTL) stop
-=#=-
/*
    mod_%NAME%.c -- Apache sample %NAME% module
**
   [Autogenerated via ``apxs -n %NAME% -g'']
**
    To play with this sample module first compile it into a
    DSO file and install it into Apache's libexec directory
```

```
by running:
      $ apxs -c -i mod_%NAME%.c
**
    Then activate it in Apache's httpd.conf file for instance
**
**
    for the URL /%NAME% in as follows:
**
**
          httpd.conf
      LoadModule %NAME%_module libexec/mod_%NAME%.so
**
**
      <Location /%NAME%>
**
      SetHandler %NAME%
      </Location>
**
* *
    Then after restarting Apache via
**
**
      $ apachectl restart
**
    you immediately can request the URL /%NAME and watch for the
**
    output of this module. This can be achieved for instance via:
**
      $ lynx -mime_header http://localhost/%NAME%
**
    The output should be similar to the following one:
**
**
      HTTP/1.1 200 OK
**
      Date: Tue, 31 Mar 1998 14:42:22 GMT
**
      Server: Apache/1.3b6-dev
**
      Connection: close
**
      Content-Type: text/html
**
**
      The sample page from mod_%NAME%.c
#include "httpd.h"
#include "http_config.h"
#include "conf.h"
/* The sample content handler */
static int %NAME%_handler(request_rec *r)
    r->content_type = "text/html";
    ap_send_http_header(r);
    if (!r->header_only)
        ap_rputs("The sample page from mod_%NAME%.c\n", r);
    return OK;
}
/* Dispatch list of content handlers */
static const handler_rec %NAME%_handlers[] = {
    { "%NAME%", %NAME% handler },
    { NULL, NULL }
};
/* Dispatch list for API hooks */
module MODULE_VAR_EXPORT %NAME%_module = {
    STANDARD_MODULE_STUFF,
    NULL,
                            /* module initializer
    NULL,
                            /* create per-dir
                                                 config structures */
    NULL,
                            /* merge per-dir
                                                 config structures */
```

```
NULL,
                           /* create per-server config structures */
    NULL,
                           /* merge per-server config structures */
    NULL,
                           /* table of config file commands
                          /* [#8] MIME-typed-dispatched handlers */
    %NAME% handlers,
    NULL,
                          /* [#1] URI to filename translation */
    NULL,
                          /* [#4] validate user id from request */
    NULL,
                           /* [#5] check if the user is ok _here_ */
    NULL,
                                                                  */
                           /* [#2] check access by host address
                           /* [#6] determine MIME type
    NULL,
                                                                  */
                           /* [#7] pre-run fixups
    NULL,
                          /* [#9] log a transaction
    NULL,
                          /* [#3] header parser
    NULL,
                                                                  */
    NULL,
                          /* child_init
                          /* child_exit
    NULL,
    NULL
                           /* [#0] post read-request
};
~~~TEMPLATE: \apache\combo
~~~TEMPLATE: \apache\access.conf
~~~access.conf
# access.conf: Global access configuration
# Online docs at http://www.apache.org/
# This file defines server settings which affect which types of services
# are allowed, and in what circumstances.
# Each directory to which Apache has access, can be configured with respect
# to which services and features are allowed and/or disabled in that
# directory (and its subdirectories).
# Originally by Rob McCool
# First, we configure the "default" to be a very restrictive set of
# permissions.
<Directory />
Options FollowSymLinks
AllowOverride None
</Directory>
# Note that from this point forward you must specifically allow
# particular features to be enabled - so if something's not working as
# you might expect, make sure that you have specifically enabled it
# below.
# This should be changed to whatever you set DocumentRoot to.
#<Directory "O_R_A_C_L_E_A_P_B_A_S_E/htdocs">
<Directory "O_R_A_C_L_E_V_G_N_B_A_S_E/cas-docs">
# This may also be "None", "All", or any combination of "Indexes",
# "Includes", "FollowSymLinks", "ExecCGI", or "MultiViews".
# Note that "MultiViews" must be named *explicitly* --- "Options All"
# doesn't give it to you.
#Options Indexes FollowSymLinks
# ******* VIGNETTE ADDITIONS ********
```

```
Options Indexes FollowSymLinks Includes
# ****** *** VIGNETTE ADDITIONS *********
# This controls which options the .htaccess files in directories can
# override. Can also be "All", or any combination of "Options", "FileInfo",
# "AuthConfig", and "Limit"
AllowOverride None
# Controls who can get stuff from this server.
order allow, deny
allow from all
</Directory>
# O_R_A_C_L_E_A_P_B_A_S_E/cgi-bin should be changed to whatever your ScriptAliased
# CGI directory exists, if you have that configured.
<Directory "O_R_A_C_L_E_A_P_B_A_S_E/cgi-bin">
AllowOverride None
Options None
</Directory>
# Allow server status reports, with the URL of http://servername/server-status
# Change the ".your_domain.com" to match your domain to enable.
#<Location /server-status>
#SetHandler server-status
#order deny,allow
#deny from all
#allow from .your_domain.com
#</Location>
# Allow remote server configuration reports, with the URL of
# http://servername/server-info (requires that mod_info.c be loaded).
# Change the ".your_domain.com" to match your domain to enable.
#<Location /server-info>
#SetHandler server-info
#order deny,allow
#deny from all
#allow from .your domain.com
#</Location>
# There have been reports of people trying to abuse an old bug from pre-1.1
# days. This bug involved a CGI script distributed as a part of Apache.
# By uncommenting these lines you can redirect these attacks to a logging
# script on phf.apache.org. Or, you can record them yourself, using the script
# support/phf_abuse_log.cgi.
#<Location /cgi-bin/phf*>
#deny from all
#ErrorDocument 403 http://phf.apache.org/phf_abuse_log.cgi
#</Location>
# You may place any other directories or locations you wish to have
```

```
# access information for after this one.
<Location /ServerSideFunction/>
SetHandler ServerSideFunction
allow from all
</Location>
~~~TEMPLATE: \apache\apachectl
#!/bin/sh
# Apache control script designed to allow an easy command line interface
# to controlling Apache. Written by Marc Slemko, 1997/08/23
# The exit codes returned are:
#
      0 - operation completed successfully
#
      1 -
#
      2 - usage error
#
      3 - httpd could not be started
      4 - httpd could not be stopped
#
      {\bf 5} - httpd could not be started during a restart
      6 - httpd could not be restarted during a restart
      7\, - httpd could not be restarted during a graceful restart
      8 - configuration syntax error
# When multiple arguments are given, only the error from the _last_
# one is reported. Run "apachectl help" for usage info
# ||||||| START CONFIGURATION SECTION |||||||||||||
# the path to your PID file
#PIDFILE=O_R_A_C_L_E_A_P_B_A_S_E/var/run/httpd.pid
PIDFILE=O_R_A_C_L_E_A_P_B_A_S_E/logs/httpd.pid
# the path to your httpd binary, including options if necessary
{\tt HTTPD=O\_R\_A\_C\_L\_E\_A\_P\_B\_A\_S\_E/sbin/httpd}
\sharp a command that outputs a formatted text version of the HTML at the
# url given on the command line. Designed for lynx, however other
# programs may work.
LYNX="lynx -dump"
# the URL to your server's mod_status status page. If you do not
# have one, then status and fullstatus will not work.
STATUSURL="http://localhost/server-status"
# |||||||||||||||| END CONFIGURATION SECTION ||||||||||||||||
ERROR=0
ARGV="$@"
if [ "x$ARGV" = "x" ] ; then
   ARGS="help"
for ARG in $@ $ARGS
```

```
do
    # check for pidfile
    if [ -f $PIDFILE ] ; then
       PID='cat $PIDFILE'
       if kill -0 $PID; then
           STATUS="httpd (pid $PID) running"
           RUNNING=1
       else
           STATUS="httpd (pid $PID?) not running"
          RUNNING=0
      fi
    else
       STATUS="httpd (no pid file) not running"
      RUNNING=0
    fi
    case $ARG in
    start)
       if [ $RUNNING -eq 1 ]; then
           echo "$0 $ARG: httpd (pid $PID) already running"
          continue
      if $HTTPD; then
           echo "$0 $ARG: httpd started"
      else
          echo "$0 $ARG: httpd could not be started"
          ERROR=3
      fi
      ;;
    stop)
      if [ $RUNNING -eq 0 ]; then
          echo "$0 $ARG: $STATUS"
          continue
      fi
      if kill $PID ; then
          echo "$0 $ARG: httpd stopped"
      else
          echo "$0 $ARG: httpd could not be stopped"
          ERROR=4
      fi
      ;;
    restart)
      if [ $RUNNING -eq 0 ]; then
          echo "$0 $ARG: httpd not running, trying to start"
          if $HTTPD ; then
             echo "$0 $ARG: httpd started"
          else
             echo "$0 $ARG: httpd could not be started"
             ERROR=5
          fi
      else
          if $HTTPD -t >/dev/null 2>&1; then
             if kill -HUP $PID ; then
                 echo "$0 $ARG: httpd restarted"
                 echo "$0 $ARG: httpd could not be restarted"
                 ERROR=6
             fi
          else
```

```
echo "$0 $ARG: configuration broken, ignoring restart"
             echo "$0 $ARG: (run 'apachectl configtest' for details)"
             ERROR=6
           fi
      fi
       ;;
    graceful)
       if [ $RUNNING -eq 0 ]; then
           echo "$0 $ARG: httpd not running, trying to start"
           if $HTTPD ; then
             echo "$0 $ARG: httpd started"
           else
             echo "$0 $ARG: httpd could not be started"
             ERROR=5
           fi
      else
           if $HTTPD -t >/dev/null 2>&1; then
             if kill -USR1 $PID ; then
                  echo "$0 $ARG: httpd gracefully restarted"
             else
                 echo "$0 $ARG: httpd could not be restarted"
                 ERROR=7
             fi
          else
             echo "$0 $ARG: configuration broken, ignoring restart"
             echo "$0 $ARG: (run 'apachectl configtest' for details)"
             ERROR=7
           fi
      fi
    status)
      LYNX \ calculated awk ' /process$/ { print; exit } { print } '
    fullstatus)
      $LYNX $STATUSURL
    configtest)
      if $HTTPD -t; then
      else
          ERROR=8
      fі
    *)
      echo "usage: $0 (start|stop|restart|fullstatus|status|graceful|configtest|help)"
      cat <<EOF
start
           - start httpd
stop
           - stop httpd
restart
           - restart httpd if running by sending a SIGHUP or start if
             not running
fullstatus - dump a full status screen; requires lynx and mod status enabled
          - dump a short status screen; requires lynx and mod status enabled
           - do a graceful restart by sending a SIGUSR1 or start if not running
configtest - do a configuration syntax test
help
           - this screen
EOF
      ERROR=2
```

;; esac

done

```
exit $ERROR
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```
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~~~apxs
#!no-perl-on-this-system
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```

```
## For more information on the Apache Group and the Apache HTTP server
## project, please see <a href="http://www.apache.org/">http://www.apache.org/>.
##
## apxs -- APache eXtenSion tool
## Written by Ralf S. Engelschall <rse@apache.org>
##
require 5.003;
use strict;
package apxs;
## Configuration
##
                     = 'gcc';
my $CFG CC
                                          # substituted via Makefile.tmpl
my $CFG CFLAGS
                      = ' -DSOLARIS2=260 `../apaci`';
                                                             # substituted via
Makefile.tmpl
my $CFG_CFLAGS_SHLIB = ''; # substituted via Makefile.tmpl
                 = '';  # substituted via Makefile.tmpl
my $CFG LD SHLIB
my $CFG_LDFLAGS_SHLIB = ''; # substituted via Makefile.tmpl
my $CFG_LIBS SHLIB
                   = '';  # substituted via Makefile.tmpl
my $CFG PREFIX
                      = 'O_R_A_C_L_E_A_P_B_A_S_E';
                                                          # substituted via APACI install
my $CFG_SBINDIR
                      = 'O_R_A_C_L_E_A_P_B_A_S_E/sbin';
                                                              # substituted via APACI
install
my $CFG_INCLUDEDIR
                      = 'O_R_A_C_L_E_A_P_B_A_S_E/include';
                                                              # substituted via APACI
install
my $CFG_LIBEXECDIR
                      = 'O_R_A_C_L_E_A_P_B_A_S_E/libexec';
                                                              # substituted via APACI
install
my $CFG_SYSCONFDIR
                      = 'O_R_A_C_L_E_A_P_B_A_S_E/etc';  # substituted via APACI install
## Cleanup the above stuff
##
CFG_CFLAGS =  s| s+ | ;
$CFG_CFLAGS =~ s|\s+`.+apaci`||;
##
  Initial shared object support check
##
if (not grep(/mod_so/, `$CFG_SBINDIR/httpd -1`)) {
   print STDERR "apxs:Error: Sorry, no shared object support for Apache\n";
   print STDERR "apxs:Error: available under your platform. Make sure\n";
   print STDERR "apxs:Error: the Apache module mod_so is compiled into\n";
   print STDERR "apxs:Error: your server binary `$CFG_SBINDIR/httpd'.\n";
   exit(1);
}
##
## parse argument line
##
# defaults for parameters
my sopt n = '';
my $opt_g = '';
my \cdot pt_c = 0;
```

```
my $opt o = '';
my @opt_D = ();
my @opt_I = ();
my @opt L = ();
my @opt l = ();
my pt_i = 0;
my \cdot pt_a = 0;
my \cdot pt_A = 0;
my \cdot pt_q = 0;
    this subroutine is derived from Perl's getopts.pl with the enhancement of
    the "+" metacharater at the format string to allow a list to be build by
#
   subsequent occurance of the same option.
sub Getopts {
    my ($argumentative, @ARGV) = @_;
    my (@args, $first, $rest, $pos);
    my (\$errs) = 0;
    local ($_);
    local ($[) = 0;
    @args = split( / */, $argumentative);
while(@ARGV && ($_ = $ARGV[0]) =~ /^-(.)(.*)/) {
        (\$first, \$rest) = (\$1,\$2);
        shift(@ARGV);
            last;
        $pos = index($argumentative,$first);
        if($pos >= $[) {
            if($args[$pos+1] eq ':') {
                 shift (@ARGV);
                 if($rest eq '') {
                     unless (@ARGV) {
                         print STDERR "apxs:Error: Incomplete option: $first (needs an
argument) \n";
                         ++$errs;
                     $rest = shift(@ARGV);
                 eval "\$opt_$first = \$rest;";
            elsif ($args[$pos+1] eq '+') {
                shift(@ARGV);
                if($rest eq '') {
                     unless (@ARGV) {
                         print STDERR "apxs:Error: Incomplete option: $first (needs an
argument) \n";
                         ++$errs;
                     $rest = shift(@ARGV);
                eval "push(\@opt_$first, \$rest);";
            else {
                 eval "\$opt_$first = 1";
                if($rest eq '') {
                     shift (@ARGV);
                 }
                 else {
```

```
$ARGV[0] = "-$rest";
                }
            }
        }
            print STDERR "apxs:Error: Unknown option: $first\n";
            ++$errs;
            if($rest ne '') {
                $ARGV[0] = "-$rest";
            else {
                shift (@ARGV);
        }
    return ($errs == 0, @ARGV);
}
sub usage {
    print STDERR "Usage: apxs -g -n <modname>\n";
    print STDERR "
                          apxs -q <query> ...\n";
   print STDERR "
                          apxs -c [-o <dsofile>] [-D <name>[=<value>]] [-I <incdir>]\n";
   print STDERR "
                                  [-L <libdir>] [-l <libname>] <files> ...\n";
    print STDERR "
                         apxs -i [-a] [-n <modname>] <dsofile> ...\n";
    exit(1);
}
#
  option handling
my $rc;
($rc, @ARGV) = &Getopts("qn:gco:I+D+L+l+iaA", @ARGV);
&usage if ($rc == 0);
&usage if (\#ARGV == -1 and not \texttt{sopt\_g});
&usage if (not $opt_q and not ($opt_g and $opt_n) and not $opt_i and not $opt_c);
    argument handling
my @args = @ARGV;
my $name = 'unknown';
$name = $opt_n if ($opt_n ne '');
##
    Operation
##
   helper function for executing a list of
    system command with return code checks
sub execute_cmds {
    my (@cmds) = @_;
    my ($cmd, $rc);
    foreach $cmd (@cmds) {
        print STDERR "$cmd\n";
        $rc = system("$cmd");
        if ($rc != 0) {
            printf(STDERR "apxs:Break: Command failed with rc=%d\n", $rc << 8);</pre>
            exit(1);
    }
}
```

```
if ($opt_g) {
    ##
    ##
        SAMPLE MODULE SOURCE GENERATION
    if (-d $name) {
        print STDERR "apxs:Error: Directory `$name' already exists. Remove first\n";
        exit(1);
    my $data = join('', <DATA>);
    $data =~ s|%NAME%|$name|sg;
    my (\$mkf, \$src) = (\$data = -m \mid ^(.+) - = \#= - \mid n(.+) \mid s);
    print STDERR "Creating [DIR] $name\n";
    system("mkdir $name");
    print STDERR "Creating [FILE] $name/Makefile\n";
    open(FP, ">${name}/Makefile") || die;
    print FP $mkf;
    close(FP);
    print STDERR "Creating [FILE] $name/mod_$name.c\n";
    open(FP, ">${name}/mod_${name}.c") || die;
    print FP $src;
   close(FP);
   exit(0);
}
if ($opt_q) {
    ##
    ##
        QUERY INFORMATION
    ##
   my $result = '';
   my $arg;
    foreach $arg (@args) {
        my $ok = 0;
        my $name;
        foreach $name (qw(
            CC LD_SHLIB CFLAGS CFLAGS_SHLIB LDFLAGS_SHLIB
            PREFIX SBINDIR INCLUDEDIR LIBEXECDIR SYSCONFDIR
            if ($arg eq $name or $arg eq lc($name)) {
                my $val = eval "\$CFG $name";
                $result .= "${val}::";
                sok = 1;
        if (not $ok) {
            printf(STDERR "apxs:Error: Invalid query string `%s'\n", $arg);
            exit(1);
        }
    $result =~ s|::$||;
    $result =~ s|::| |;
   print $result;
}
```

```
if ($opt_c) {
            ##
            ##
                       SHARED OBJECT COMPILATION
                         split files into sources and objects
            my @srcs = ();
            my @objs = ();
            my $f;
            foreach $f (@args) {
                         if ($f =  m|\.c$|) {
                                      push(@srcs, $f);
                         else {
                                      push(@objs, $f);
            }
                         determine output file
            my $dso_file;
            if ($opt_o eq '') {
                         if (\$\#srcs > -1) {
                                       $dso_file = $srcs[0];
                                       $dso_file =~ s|\.[^.]+$|.so|;
                         elsif ($#objs > -1) {
                                       $dso_file = $objs[0];
                                       dso_file = s|\.[^.]+$|.so|;
                         else {
                                       $dso_file = "mod_unknown.so";
            }
            else {
                         $dso_file = $opt_o;
            #
                        create compilation commands
           my @cmds = ();
            my $opt = '';
            my ($opt_I, $opt_D);
            foreach $opt_I (@opt_I) {
                         $opt .= "-I$opt_I ";
            foreach $opt D (@opt D) {
                         $opt .= "-D$opt D ";
            my $cflags = "$CFG_CFLAGS $CFG_CFLAGS_SHLIB";
            my $s;
            foreach $s (@srcs) {
                        my $o = $s;
                         0 = | (s) 
                         push(@cmds, "$CFG_CC $cflags -I$CFG INCLUDEDIR $opt -c $s");
                         unshift(@objs, $o);
            }
                      create link command
            my $cmd = "$CFG_LD_SHLIB $CFG_LDFLAGS SHLIB -o $dso file";
           my $0;
```

```
foreach $0 (@objs) {
        $cmd .= " $0";
    $opt = '';
    my ($opt_L, $opt_1);
    foreach $opt_L (@opt_L) {
        $opt .= " -L$opt_L";
    foreach $opt_1 (@opt_1) {
        $opt .= " -1$opt 1";
    $cmd .= $opt;
    $cmd .= " $CFG_LIBS_SHLIB";
    push (@cmds, $cmd);
        execute the commands
    &execute_cmds(@cmds);
        allow one-step compilation and installation
    if ($opt_i) {
        @args = ( $dso_file );
    }
}
if ($opt_i) {
    ##
    ##
        SHARED OBJECT INSTALLATION
    ##
        determine installation commands
        and corresponding LoadModule/AddModule directives
    my @lmd = ();
    my @amd = ();
    my @cmds = ();
    my $f;
    foreach $f (@args) {
        if ($f !~ m|\.so$|) {
            print STDERR "apxs:Error: file $f is not a shared object\n";
        }
        my $t = $f;
        t = |-|| s|^{-} + || ([^{/}] + || s|| s|| ;
        push(@cmds, "cp $f $CFG_LIBEXECDIR/$t");
        push(@cmds, "chmod 755 $CFG_LIBEXECDIR/$t");
            determine module symbolname and filename
        my $filename = '';
        if ($name eq 'unknown') {
            $name = '';
            my \$base = \$f;
            se = | . [^.] + | ;
            if (-f "$base.c") {
                open(FP, "<$base.c");
                my $content = join('', <FP>);
                close(FP);
                if ($content =~
m|.*module\s+(?:MODULE_VAR_EXPORT\s+)?([a-zA-Z0-9_]+)_module\s*=\s*.*|s) {
                    $name = "$1";
                     $filename = "$base.c";
```

```
}
            if ($name eq '') {
                if (\text{sbase} = \ m \mid .* mod_([a-zA-Z0-9_]+) \setminus ..+|)  {
                     $name = "$1";
                     $filename = $base;
                     if ($name eq '') {
                print "apxs:Error: Sorry, cannot determine bootstrap symbol name\n";
                print "apxs:Error: Please specify one with option -n'\n";
        if ($filename eq '') {
            $filename = "mod_${name}.c";
        my $dir = $CFG_LIBEXECDIR;
        $dir =~ s|^$CFG_PREFIX/?||;
        \frac{1}{3} $\frac{1}{3} = \sim \sigma \left( \text{.} \right) \frac{1}{3} \right| ;
        push(@lmd, sprintf("LoadModule %-18s %s", "${name}_module", "$dir$t"));
        push(@amd, sprintf("AddModule %s", $filename));
    }
        execute the commands
    &execute cmds (@cmds);
        activate module via LoadModule/AddModule directive
    if ($opt_a or $opt_A) {
        if (not -f "$CFG_SYSCONFDIR/httpd.conf") {
            print "apxs:Error: Config file $CFG_SYSCONFDIR/httpd.conf not found\n";
            exit(1);
        }
        open(FP, "<$CFG_SYSCONFDIR/httpd.conf") || die;
        my $content = join('', <FP>);
        close(FP);
        if (\$content !~ m \mid n\#?\s*LoadModule\s+|) {
            print STDERR "apxs:Error: Activation failed for custom
$CFG_SYSCONFDIR/httpd.conf file.\n";
            print STDERR "apxs:Error: At least one `LoadModule' directive already has to
exist.\n";
            exit(1);
        }
        my $update = 0;
        my $1md;
        foreach $1md (@1md) {
            if ($content !~ m|\n#?\s*$lmd|) {
                 my $c = '';
                 $c = '#' if ($opt_A);
                 $content = -s|^(.*\n\#?\s*LoadModule\s+[^\n] + \n) | $1$c$lmd\n | sg;
                 $update = 1;
                 $lmd =~ m|LoadModule\s+(.+?)_module.*|;
                 my $what = $opt A ? "preparing" : "activating";
                 print STDERR "[$what module `$1' in $CFG SYSCONFDIR/httpd.conf]\n";
```

```
}
        }
        my $amd;
        foreach $amd (@amd) {
            if ($content !~ m|\n#?\s*$amd|) {
                 my $c = '';
                 $c = '#' if ($opt_A);
                 $content = -s|^(.*\n\#?\s*AddModule\s+[^\n] + \n) | $1$c$amd\n | sg;
                 $update = 1;
            }
        if ($update) {
            open(FP, ">$CFG_SYSCONFDIR/httpd.conf.new") || die;
            print FP $content;
            close(FP);
            system("cp $CFG_SYSCONFDIR/httpd.conf $CFG_SYSCONFDIR/httpd.conf.bak && " .
                   "cp $CFG_SYSCONFDIR/httpd.conf.new $CFG_SYSCONFDIR/httpd.conf && " .
                   "rm $CFG_SYSCONFDIR/httpd.conf.new");
    }
}
##EOF##
 DATA
##
## Makefile -- Apache for sample %NAME% module
## Autogenerated via ``apxs -n %NAME% -g''.
##
    the used tools
APXS=apxs
APACHECTL=apachectl
    additional defines, includes and libraries
#DEF=-Dmy_define=my_value
#INC=-Imy/include/dir
#LIB=-Lmy/lib/dir -lmylib
    the default target
all: mod_%NAME%.so
    compile the shared object file
mod_%NAME%.so: mod_%NAME%.c
      $(APXS) -c $(DEF) $(INC) $(LIB) mod_%NAME%.c
    install the shared object file into Apache
install: all
      $(APXS) -i -a -n '%NAME%' mod_%NAME%.so
    cleanup
clean:
      -rm -f mod_%NAME%.o mod %NAME%.so
    simple test
test: reload
      lynx -mime_header http://localhost/%NAME%
    install and activate shared object by reloading Apache to
    force a reload of the shared object file
```

```
reload: install restart
    the general Apache start/restart/stop
  procedures
start:
      $(APACHECTL) start
restart:
      $(APACHECTL) restart
stop:
      $(APACHECTL) stop
-=#=-
**
   mod_%NAME%.c -- Apache sample %NAME% module
**
    [Autogenerated via ``apxs -n %NAME% -g'']
** To play with this sample module first compile it into a
** DSO file and install it into Apache's libexec directory
** by running:
      $ apxs -c -i mod %NAME%.c
**
** Then activate it in Apache's httpd.conf file for instance
** for the URL /%NAME% in as follows:
**
**
        httpd.conf
**
     LoadModule %NAME%_module libexec/mod_%NAME%.so
**
      <Location /%NAME%>
**
      SetHandler %NAME%
**
      </Location>
**
   Then after restarting Apache via
**
**
      $ apachectl restart
**
**
   you immediately can request the URL /%NAME and watch for the
   output of this module. This can be achieved for instance via:
**
**
      $ lynx -mime_header http://localhost/%NAME%
   The output should be similar to the following one:
     HTTP/1.1 200 OK
     Date: Tue, 31 Mar 1998 14:42:22 GMT
**
**
     Server: Apache/1.3b6-dev
**
     Connection: close
**
     Content-Type: text/html
**
**
      The sample page from mod_%NAME%.c
#include "httpd.h"
#include "http_config.h"
#include "conf.h"
/* The sample content handler */
static int %NAME%_handler(request_rec *r)
{
    r->content_type = "text/html";
```

```
ap_send_http_header(r);
    if (!r->header only)
        ap_rputs("The sample page from mod %NAME%.c\n", r);
}
/* Dispatch list of content handlers */
static const handler_rec %NAME%_handlers[] = {
    { "%NAME%", %NAME%_handler },
    { NULL, NULL }
};
/* Dispatch list for API hooks */
module MODULE_VAR_EXPORT %NAME% module = {
    STANDARD_MODULE_STUFF,
    NULL,
                           /* module initializer
    NULL,
                           /* create per-dir
                                              config structures */
    NULL,
                           /* merge per-dir
                                                config structures */
   NULL,
                           /* create per-server config structures */
   NULL,
                           /* merge per-server config structures */
                           /* table of config file commands
    NULL.
    %NAME% handlers,
                           /* [#8] MIME-typed-dispatched handlers */
                           /* [#1] URI to filename translation
   NULL,
                           /* [#4] validate user id from request */
   NULL,
                           /* [#5] check if the user is ok _here_ */
                           /* [#2] check access by host address
   NULL,
   NULL.
                           /* [#6] determine MIME type
    NULL,
                           /* [#7] pre-run fixups
    NULL,
                           /* [#9] log a transaction
   NULL,
                           /* [#3] header parser
   NULL.
                           /* child init
                           /* child_exit
   NULL,
    NULL
                           /* [#0] post read-request
~~~TEMPLATE: \apache\httpd.conf
~~~httpd.conf
# This is the main server configuration file. See URL http://www.apache.org/
# for instructions.
# Do NOT simply read the instructions in here without understanding
# what they do, if you are unsure consult the online docs. You have been
# warned.
# Originally by Rob McCool
# Dynamic Shared Object (DSO) Support
# To be able to use the functionality of a module which was built as a DSO you
# have to place corresponding `LoadModule' lines at this location so the
# directives contained in it are actually available _before_ they are used.
# Please read the file README.DSO in the Apache 1.3 distribution for more
# details about the DSO mechanism and run `httpd -1' for the list of already
# built-in (statically linked and thus always available) modules in your httpd
# binary.
# Example:
# LoadModule foo_module libexec/mod_foo.so
```

٠, .

```
# ServerType is either inetd, or standalone.
ServerType standalone
# If you are running from inetd, go to "ServerAdmin".
# Port: The port the standalone listens to. For ports < 1023, you will
# need httpd to be run as root initially.
Port A_P_A_C_H_E_B_A_S_E01
# HostnameLookups: Log the names of clients or just their IP numbers
          www.apache.org (on) or 204.62.129.132 (off)
# The default is off because it'd be overall better for the net if people
# had to knowingly turn this feature on.
HostnameLookups off
# If you wish httpd to run as a different user or group, you must run
# httpd as root initially and it will switch.
# User/Group: The name (or #number) of the user/group to run httpd as.
# On SCO (ODT 3) use User nouser and Group nogroup
 On HPUX you may not be able to use shared memory as nobody, and the
  suggested workaround is to create a user www and use that user.
# NOTE that some kernels refuse to setgid(Group) or semctl(IPC_SET)
# when the value of (unsigned)Group is above 60000;
# don't use Group #-1 on these systems!
User nobody
Group nobody
# ServerAdmin: Your address, where problems with the server should be
# e-mailed.
ServerAdmin root1@H_O_S_T_N_A_M_E.D_O_M_A_I_N
# ServerRoot: The directory the server's config, error, and log files
# are kept in.
# NOTE! If you intend to place this on a NFS (or otherwise network)
# mounted filesystem then please read the LockFile documentation,
# you will save yourself a lot of trouble.
ServerRoot "O_R_A_C_L_E_A_P_B_A_S_E"
# BindAddress: You can support virtual hosts with this option. This option
# is used to tell the server which IP address to listen to. It can either
# contain "*", an IP address, or a fully qualified Internet domain name.
# See also the VirtualHost directive.
#BindAddress *
# ErrorLog: The location of the error log file. If this does not start
# with /, ServerRoot is prepended to it.
ErrorLog logs/error_log
```

LogLevel: Control the number of messages logged to the error_log.
Possible values include: debug, info, notice, warn, error, crit,

```
# alert, emerg.
LogLevel warn
# The following directives define some format nicknames for use with
# a CustomLog directive (see below).
LogFormat "%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"" combined
LogFormat "%h %l %u %t \"%r\" %>s %b" common
LogFormat "%{Referer}i -> %U" referer
LogFormat "%{User-agent}i" agent
# The location of the access logfile (Common Logfile Format).
# If this does not start with /, ServerRoot is prepended to it.
CustomLog logs/access_log common
# If you would like to have an agent and referer logfile uncomment the
# following directives.
#CustomLog logs/referer_log referer
#CustomLog logs/agent_log agent
# If you prefer a single logfile with access, agent and referer information
# (Combined Logfile Format) you can use the following directive.
#CustomLog logs/access_log combined
# PidFile: The file the server should log its pid to
PidFile logs/httpd.pid
# ScoreBoardFile: File used to store internal server process information.
# Not all architectures require this. But if yours does (you'll know because
# this file is created when you run Apache) then you *must* ensure that
# no two invocations of Apache share the same scoreboard file.
ScoreBoardFile logs/apache_runtime_status
# The LockFile directive sets the path to the lockfile used when Apache
# is compiled with either USE_FCNTL_SERIALIZED_ACCEPT or
# USE_FLOCK_SERIALIZED_ACCEPT. This directive should normally be left at
# its default value. The main reason for changing it is if the logs
# directory is NFS mounted, since the lockfile MUST BE STORED ON A LOCAL
# DISK. The PID of the main server process is automatically appended to
# the filename.
#LockFile logs/accept.lock
# ExtendedStatus controls whether Apache will generate "full" status
# information (ExtendedStatus On) or just basic information (ExtendedStatus
# Off) when the server-status Handler is called. The default is Off.
#ExtendedStatus On
# ServerName allows you to set a host name which is sent back to clients for
# your server if it's different than the one the program would get (i.e. use
# "www" instead of the host's real name).
# Note: You cannot just invent host names and hope they work. The name you
# define here must be a valid DNS name for your host. If you don't understand
```

```
# this, ask your network administrator.
# If your host doesn't have a registered DNS name, enter its IP address here.
# You will have to access it by its address (e.g., http://123.45.67.89)
# anyway, and this will make redirections work in a sensible way.
#ServerName new.host.name
# Optionally add a line containing the server version and virtual host
# name to server-generated pages (error documents, ftp directory listings,
# mod_status and mod_info output etc., but not SSI generated documents).
# Set to "EMail" to also include a mailto: link to the ServerAdmin.
# Set to one of: On | Off | EMail
ServerSignature on
# UseCanonicalName: (new for 1.3) With this setting turned on, whenever
# Apache needs to construct a self-referencing URL (a url that refers back
# to the server the response is coming from) it will use ServerName and
# Port to form a "canonical" name. With this setting off, Apache will
# use the hostname:port that the client supplied, when possible. This
# also affects SERVER_NAME and SERVER_PORT in CGIs.
UseCanonicalName on
# CacheNegotiatedDocs: By default, Apache sends Pragma: no-cache with each
# document that was negotiated on the basis of content. This asks proxy
# servers not to cache the document. Uncommenting the following line disables
# this behavior, and proxies will be allowed to cache the documents.
#CacheNegotiatedDocs
# Timeout: The number of seconds before receives and sends time out
Timeout 300
# KeepAlive: Whether or not to allow persistent connections (more than
# one request per connection). Set to "Off" to deactivate.
KeepAlive On
# MaxKeepAliveRequests: The maximum number of requests to allow
# during a persistent connection. Set to 0 to allow an unlimited amount.
# We reccomend you leave this number high, for maximum performance.
MaxKeepAliveRequests 100
# KeepAliveTimeout: Number of seconds to wait for the next request
KeepAliveTimeout 15
# Server-pool size regulation. Rather than making you guess how many
# server processes you need, Apache dynamically adapts to the load it
# sees --- that is, it tries to maintain enough server processes to
# handle the current load, plus a few spare servers to handle transient
# load spikes (e.g., multiple simultaneous requests from a single
# Netscape browser).
# It does this by periodically checking how many servers are waiting
# for a request. If there are fewer than MinSpareServers, it creates
# a new spare. If there are more than MaxSpareServers, some of the
# spares die off. These values are probably OK for most sites ---
```

```
MinSpareServers 5
MaxSpareServers 10
# Number of servers to start --- should be a reasonable ballpark figure.
StartServers 5
# Limit on total number of servers running, i.e., limit on the number
# of clients who can simultaneously connect --- if this limit is ever
# reached, clients will be LOCKED OUT, so it should NOT BE SET TOO LOW.
# It is intended mainly as a brake to keep a runaway server from taking
# Unix with it as it spirals down...
MaxClients 150
# MaxRequestsPerChild: the number of requests each child process is
  allowed to process before the child dies.
  The child will exit so as to avoid problems after prolonged use when
  Apache (and maybe the libraries it uses) leak. On most systems, this
  isn't really needed, but a few (such as Solaris) do have notable leaks
# in the libraries.
MaxRequestsPerChild 30
# Proxy Server directives. Uncomment the following line to
# enable the proxy server:
#ProxyRequests On
# Enable/disable the handling of HTTP/1.1 "Via:" headers.
# ("Full" adds the server version; "Block" removes all outgoing Via: headers)
# Set to one of: Off | On | Full | Block
#ProxyVia on
# To enable the cache as well, edit and uncomment the following lines:
# (no cacheing without CacheRoot)
#CacheRoot @@ServerRoot@@/proxy
#CacheSize 5
#CacheGcInterval 4
#CacheMaxExpire 24
#CacheLastModifiedFactor 0.1
#CacheDefaultExpire 1
#NoCache a_domain.com another_domain.edu joes.garage_sale.com
# Listen: Allows you to bind Apache to specific IP addresses and/or
# ports, in addition to the default. See also the VirtualHost command
#Listen 3000
#Listen 12.34.56.78:80
# VirtualHost: Allows the daemon to respond to requests for more than one
# server address, if your server machine is configured to accept IP packets
# for multiple addresses. This can be accomplished with the ifconfig
# alias flag, or through kernel patches like VIF.
# Any httpd.conf or srm.conf directive may go into a VirtualHost command.
# See also the BindAddress entry.
```

```
#<VirtualHost host.some_domain.com>
#ServerAdmin webmaster@host.some domain.com
#DocumentRoot /www/docs/host.some domain.com
#ServerName host.some_domain.com
#ErrorLog logs/host.some_domain.com-error log
#TransferLog logs/host.some_domain.com-access_log
#</VirtualHost>
  ******* VIGNETTE ADDITIONS ********
AddHandler server-parsed .html
# THESE ARE NON-OPTIONAL SETTINGS. You must provide values for these settings.
# The location of the StoryServer.cfg file for this content application server.
Vgn_SSConfigFile
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/S
toryServer.cfg
# The location of the shared library directory of your StoryServer installation
Vgn_ShLibDir O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/lib/solaris
# ******** VIGNETTE ADDITIONS ********
~~~TEMPLATE: \apache\srm.conf
~~~srm.conf
# With this document, you define the name space that users see of your http
# server. This file also defines server settings which affect how requests are
# serviced, and how results should be formatted.
# See the tutorials at http://www.apache.org/ for
# more information.
# Originally by Rob McCool; Adapted for Apache
# DocumentRoot: The directory out of which you will serve your
# documents. By default, all requests are taken from this directory, but
# symbolic links and aliases may be used to point to other locations.
#DocumentRoot "O_R_A_C_L_E_A_P_B_A_S_E/htdocs"
DocumentRoot "O_R_A_C_L_E_V_G_N_B_A_S_E/cas-docs"
# UserDir: The name of the directory which is appended onto a user's home
# directory if a ~user request is recieved.
UserDir public_html
# DirectoryIndex: Name of the file or files to use as a pre-written HTML
# directory index. Separate multiple entries with spaces.
DirectoryIndex index.html
# FancyIndexing is whether you want fancy directory indexing or standard
FancyIndexing on
```

```
# AddIcon tells the server which icon to show for different files or filename
# extensions
AddIconByEncoding (CMP,/icons/compressed.gif) x-compress x-gzip
AddIconByType (TXT,/icons/text.gif) text/*
AddIconByType (IMG,/icons/image2.gif) image/*
AddIconByType (SND,/icons/sound2.gif) audio/*
AddIconByType (VID,/icons/movie.gif) video/*
AddIcon /icons/binary.gif .bin .exe
AddIcon /icons/binhex.gif .hqx
AddIcon /icons/tar.gif .tar
AddIcon /icons/world2.gif .wrl .wrl.gz .vrml .vrm .iv
AddIcon /icons/compressed.gif .Z .z .tgz .gz .zip
AddIcon /icons/a.gif .ps .ai .eps
AddIcon /icons/layout.gif .html .shtml .htm .pdf
AddIcon /icons/text.gif .txt
AddIcon /icons/c.gif .c
AddIcon /icons/p.gif .pl .py
AddIcon /icons/f.gif .for
AddIcon /icons/dvi.gif .dvi
AddIcon /icons/uuencoded.gif .uu
AddIcon /icons/script.gif .conf .sh .shar .csh .ksh .tcl
AddIcon /icons/tex.gif .tex
AddIcon /icons/bomb.gif core
AddIcon /icons/back.gif ..
AddIcon /icons/hand.right.gif README
AddIcon /icons/folder.gif ^DIRECTORY^^
AddIcon /icons/blank.gif ^^BLANKICON^^
# DefaultIcon is which icon to show for files which do not have an icon
# explicitly set.
DefaultIcon /icons/unknown.gif
# AddDescription allows you to place a short description after a file in
# server-generated indexes.
# Format: AddDescription "description" filename
# ReadmeName is the name of the README file the server will look for by
# default. Format: ReadmeName name
# The server will first look for name.html, include it if found, and it will
# then look for name and include it as plaintext if found.
# HeaderName is the name of a file which should be prepended to
# directory indexes.
ReadmeName README
HeaderName HEADER
# IndexIgnore is a set of filenames which directory indexing should ignore
# Format: IndexIgnore name1 name2...
IndexIgnore .??* *~ *# HEADER* README* RCS
# AccessFileName: The name of the file to look for in each directory
```

```
# for access control information.
AccessFileName .htaccess
# The following lines prevent .htaccess files from being viewed by
# Web clients. Since .htaccess files often contain authorization
# information, access is disallowed for security reasons. Comment
# these lines out if you want Web visitors to see the contents of
# .htaccess files. If you change the AccessFileName directive above,
# be sure to make the corresponding changes here.
<Files .htaccess>
order allow, deny
deny from all
</Files>
# TypesConfig describes where the mime.types file (or equivalent) is
# to be found.
TypesConfig conf/mime.types
# DefaultType is the default MIME type for documents which the server
# cannot find the type of from filename extensions.
DefaultType text/plain
# AddEncoding allows you to have certain browsers (Mosaic/X 2.1+) uncompress
# information on the fly. Note: Not all browsers support this.
AddEncoding x-compress Z
AddEncoding x-gzip gz
# AddLanguage allows you to specify the language of a document. You can
# then use content negotiation to give a browser a file in a language
# it can understand. Note that the suffix does not have to be the same
# as the language keyword --- those with documents in Polish (whose
# net-standard language code is pl) may wish to use "AddLanguage pl .po"
# to avoid the ambiguity with the common suffix for perl scripts.
AddLanguage en .en
AddLanguage fr .fr
AddLanguage de .de
AddLanguage da .da
AddLanguage el .el
AddLanguage it .it
# LanguagePriority allows you to give precedence to some languages
# in case of a tie during content negotiation.
# Just list the languages in decreasing order of preference.
LanguagePriority en fr de
# Redirect allows you to tell clients about documents which used to exist in
# your server's namespace, but do not anymore. This allows you to tell the
# clients where to look for the relocated document.
# Format: Redirect fakename url
# Aliases: Add here as many aliases as you need (with no limit). The format is
```

```
# Alias fakename realname
# Note that if you include a trailing / on fakename then the server will
# require it to be present in the URL. So "/icons" isn't aliased in this
# example.
Alias /icons/ "O_R_A_C_L_E_A_P_B_A_S_E/icons/"
# ScriptAlias: This controls which directories contain server scripts.
# Format: ScriptAlias fakename realname
#ScriptAlias /cgi-bin/ "O_R_A_C_L_E_A_P_B_A_S_E/cgi-bin/"
# If you want to use server side includes, or CGI outside
# ScriptAliased directories, uncomment the following lines.
# AddType allows you to tweak mime.types without actually editing it, or to
# make certain files to be certain types.
# Format: AddType type/subtype ext1
# For example, the PHP3 module (not part of the Apache distribution)
# will typically use:
#AddType application/x-httpd-php3 .phtml
#AddType application/x-httpd-php3-source .phps
# AddHandler allows you to map certain file extensions to "handlers",
# actions unrelated to filetype. These can be either built into the server
# or added with the Action command (see below)
# Format: AddHandler action-name ext1
# To use CGI scripts:
#AddHandler cgi-script .cgi
# To use server-parsed HTML files
#AddType text/html .shtml
#AddHandler server-parsed .shtml
# Uncomment the following line to enable Apache's send-asis HTTP file
# feature
#AddHandler send-as-is asis
# If you wish to use server-parsed imagemap files, use
#AddHandler imap-file map
# To enable type maps, you might want to use
#AddHandler type-map var
# Action lets you define media types that will execute a script whenever
# a matching file is called. This eliminates the need for repeated URL
# pathnames for oft-used CGI file processors.
# Format: Action media/type /cgi-script/location
# Format: Action handler-name /cgi-script/location
# MetaDir: specifies the name of the directory in which Apache can find
# meta information files. These files contain additional HTTP headers
# to include when sending the document
#MetaDir .web
```

```
# MetaSuffix: specifies the file name suffix for the file containing the
# meta information.
#MetaSuffix .meta
# Customizable error response (Apache style)
  these come in three flavors
     1) plain text
#ErrorDocument 500 "The server made a boo boo.
# n.b. the (") marks it as text, it does not get output
     2) local redirects
#ErrorDocument 404 /missing.html
# to redirect to local url /missing.html
#ErrorDocument 404 /cgi-bin/missing_handler.pl
# n.b. can redirect to a script or a document using server-side-includes.
     3) external redirects
#ErrorDocument 402 http://some.other_server.com/subscription_info.html
# mod_mime_magic allows the server to use various hints from the file itself
# to determine its type.
#MimeMagicFile conf/magic
# The following directives disable keepalives and HTTP header flushes.
# The first directive disables it for Netscape 2.x and browsers which
# spoof it. There are known problems with these.
# The second directive is for Microsoft Internet Explorer 4.0b2
# which has a broken HTTP/1.1 implementation and does not properly
# support keepalive when it is used on 301 or 302 (redirect) responses.
BrowserMatch "Mozilla/2" nokeepalive
BrowserMatch "MSIE 4\.0b2;" nokeepalive downgrade-1.0 force-response-1.0
# The following directive disables HTTP/1.1 responses to browsers which
# are in violation of the HTTP/1.0 spec by not being able to grok a
# basic 1.1 response.
BrowserMatch "RealPlayer 4\.0" force-response-1.0
BrowserMatch "Java/1\.0" force-response-1.0
BrowserMatch "JDK/1\.0" force-response-1.0
# ******* VIGNETTE ADDITIONS ********
# Optional - set the alias to the StoryServer documentation root if this
             is the first development content application server
Alias /StoryServer O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/docroot
# ******* VIGNETTE ADDITIONS ********
~~~TEMPLATE: \apache\startApache
~~~startApache
#!/bin/ksh
O_R_A_C_L_E_A_P_B_A_S E/sbin/httpd \
   -f O_R_A_C_L_E_A_P_B A_S_E/conf/httpd.conf
exit
```

```
~~~TEMPLATE: \apache\stopApache
~~~stopApache
#!/bin/ksh
kill -TERM `cat O_R_A_C_L_E_A_P_B_A_S_E/logs/httpd.pid`
~~~TEMPLATE: \apache\httpd.conf
~~~httpd.conf
# This is the main server configuration file. See URL http://www.apache.org/
# for instructions.
# Do NOT simply read the instructions in here without understanding
# what they do, if you are unsure consult the online docs. You have been
# warned.
# Originally by Rob McCool
# Dynamic Shared Object (DSO) Support
# To be able to use the functionality of a module which was built as a DSO you
# have to place corresponding `LoadModule' lines at this location so the
# directives contained in it are actually available before they are used.
# Please read the file README.DSO in the Apache 1.3 distribution for more
# details about the DSO mechanism and run `httpd -l' for the list of already
# built-in (statically linked and thus always available) modules in your httpd
# binary.
# Example:
# LoadModule foo_module libexec/mod_foo.so
# ServerType is either inetd, or standalone.
ServerType standalone
# If you are running from inetd, go to "ServerAdmin".
# Port: The port the standalone listens to. For ports < 1023, you will
# need httpd to be run as root initially.
Port A_P_A_C_H_E_B_A_S_E01
# HostnameLookups: Log the names of clients or just their IP numbers
          www.apache.org (on) or 204.62.129.132 (off)
# The default is off because it'd be overall better for the net if people
# had to knowingly turn this feature on.
HostnameLookups off
# If you wish httpd to run as a different user or group, you must run
# httpd as root initially and it will switch.
# User/Group: The name (or #number) of the user/group to run httpd as.
 On SCO (ODT 3) use User nouser and Group nogroup
 On HPUX you may not be able to use shared memory as nobody, and the
  suggested workaround is to create a user www and use that user.
# NOTE that some kernels refuse to setgid(Group) or semctl(IPC_SET)
# when the value of (unsigned)Group is above 60000;
  don't use Group #-1 on these systems!
```

```
User nobody
Group nobody
# ServerAdmin: Your address, where problems with the server should be
# e-mailed.
ServerAdmin root1@H_O_S_T_N A M E.D O M A I N
# ServerRoot: The directory the server's config, error, and log files
# are kept in.
# NOTE! If you intend to place this on a NFS (or otherwise network)
# mounted filesystem then please read the LockFile documentation,
# you will save yourself a lot of trouble.
ServerRoot "O_R_A_C_L_E_A_P_B_A S_E"
# BindAddress: You can support virtual hosts with this option. This option
# is used to tell the server which IP address to listen to. It can either
# contain "*", an IP address, or a fully qualified Internet domain name.
# See also the VirtualHost directive.
#BindAddress *
# ErrorLog: The location of the error log file. If this does not start
# with /, ServerRoot is prepended to it.
ErrorLog logs/error_log
# LogLevel: Control the number of messages logged to the error log.
# Possible values include: debug, info, notice, warn, error, crit,
# alert, emerg.
LogLevel warn
# The following directives define some format nicknames for use with
# a CustomLog directive (see below).
LogFormat "%h %1 %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"" combined
LogFormat "%h %l %u %t \"%r\" %>s %b" common
LogFormat "%{Referer}i -> %U" referer
LogFormat "%{User-agent}i" agent
# The location of the access logfile (Common Logfile Format).
# If this does not start with /, ServerRoot is prepended to it.
CustomLog logs/access_log common
# If you would like to have an agent and referer logfile uncomment the
# following directives.
#CustomLog logs/referer_log referer
#CustomLog logs/agent_log agent
# If you prefer a single logfile with access, agent and referer information
# (Combined Logfile Format) you can use the following directive.
#CustomLog logs/access_log combined
# PidFile: The file the server should log its pid to
```

PidFile logs/httpd.pid

```
# ScoreBoardFile: File used to store internal server process information.
# Not all architectures require this. But if yours does (you'll know because
# this file is created when you run Apache) then you *must* ensure that
# no two invocations of Apache share the same scoreboard file.
ScoreBoardFile logs/apache_runtime_status
# The LockFile directive sets the path to the lockfile used when Apache
# is compiled with either USE_FCNTL_SERIALIZED ACCEPT or
# USE_FLOCK_SERIALIZED_ACCEPT. This directive should normally be left at
# its default value. The main reason for changing it is if the logs
# directory is NFS mounted, since the lockfile MUST BE STORED ON A LOCAL
# DISK. The PID of the main server process is automatically appended to
# the filename.
#LockFile logs/accept.lock
# ExtendedStatus controls whether Apache will generate "full" status
# information (ExtendedStatus On) or just basic information (ExtendedStatus
# Off) when the server-status Handler is called. The default is Off.
#ExtendedStatus On
# ServerName allows you to set a host name which is sent back to clients for
# your server if it's different than the one the program would get (i.e. use
# "www" instead of the host's real name).
# Note: You cannot just invent host names and hope they work. The name you
# define here must be a valid DNS name for your host. If you don't understand
# this, ask your network administrator.
# If your host doesn't have a registered DNS name, enter its IP address here.
# You will have to access it by its address (e.g., http://123.45.67.89)
# anyway, and this will make redirections work in a sensible way.
#ServerName new.host.name
# Optionally add a line containing the server version and virtual host
# name to server-generated pages (error documents, ftp directory listings,
# mod_status and mod_info output etc., but not SSI generated documents).
# Set to "EMail" to also include a mailto: link to the ServerAdmin.
# Set to one of: On | Off | EMail
ServerSignature on
# UseCanonicalName: (new for 1.3) With this setting turned on, whenever
# Apache needs to construct a self-referencing URL (a url that refers back
# to the server the response is coming from) it will use ServerName and
# Port to form a "canonical" name. With this setting off, Apache will
# use the hostname:port that the client supplied, when possible. This
# also affects SERVER_NAME and SERVER_PORT in CGIs.
UseCanonicalName on
# CacheNegotiatedDocs: By default, Apache sends Pragma: no-cache with each
# document that was negotiated on the basis of content. This asks proxy
# servers not to cache the document. Uncommenting the following line disables
# this behavior, and proxies will be allowed to cache the documents.
```

#CacheNegotiatedDocs

```
# Timeout: The number of seconds before receives and sends time out
Timeout 300
# KeepAlive: Whether or not to allow persistent connections (more than
# one request per connection). Set to "Off" to deactivate.
KeepAlive On
# MaxKeepAliveRequests: The maximum number of requests to allow
# during a persistent connection. Set to 0 to allow an unlimited amount.
# We reccomend you leave this number high, for maximum performance.
MaxKeepAliveRequests 100
# KeepAliveTimeout: Number of seconds to wait for the next request
KeepAliveTimeout 15
# Server-pool size regulation. Rather than making you guess how many
# server processes you need, Apache dynamically adapts to the load it
# sees --- that is, it tries to maintain enough server processes to
# handle the current load, plus a few spare servers to handle transient
# load spikes (e.g., multiple simultaneous requests from a single
# Netscape browser).
# It does this by periodically checking how many servers are waiting
# for a request. If there are fewer than MinSpareServers, it creates
# a new spare. If there are more than MaxSpareServers, some of the
# spares die off. These values are probably OK for most sites ---
MinSpareServers 5
MaxSpareServers 10
# Number of servers to start --- should be a reasonable ballpark figure.
StartServers 5
# Limit on total number of servers running, i.e., limit on the number
# of clients who can simultaneously connect --- if this limit is ever
# reached, clients will be LOCKED OUT, so it should NOT BE SET TOO LOW.
# It is intended mainly as a brake to keep a runaway server from taking
# Unix with it as it spirals down...
MaxClients 150
# MaxRequestsPerChild: the number of requests each child process is
  allowed to process before the child dies.
  The child will exit so as to avoid problems after prolonged use when
# Apache (and maybe the libraries it uses) leak. On most systems, this
  isn't really needed, but a few (such as Solaris) do have notable leaks
# in the libraries.
MaxRequestsPerChild 30
# Proxy Server directives. Uncomment the following line to
# enable the proxy server:
#ProxyRequests On
```

```
# Enable/disable the handling of HTTP/1.1 "Via:" headers.
# ("Full" adds the server version; "Block" removes all outgoing Via: headers)
# Set to one of: Off | On | Full | Block
#ProxyVia on
# To enable the cache as well, edit and uncomment the following lines:
# (no cacheing without CacheRoot)
#CacheRoot @@ServerRoot@@/proxy
#CacheSize 5
#CacheGcInterval 4
#CacheMaxExpire 24
#CacheLastModifiedFactor 0.1
#CacheDefaultExpire 1
#NoCache a_domain.com another_domain.edu joes.garage_sale.com
# Listen: Allows you to bind Apache to specific IP addresses and/or
# ports, in addition to the default. See also the VirtualHost command
#Listen 3000
#Listen 12.34.56.78:80
# VirtualHost: Allows the daemon to respond to requests for more than one
# server address, if your server machine is configured to accept IP packets
# for multiple addresses. This can be accomplished with the ifconfig
# alias flag, or through kernel patches like VIF.
# Any httpd.conf or srm.conf directive may go into a VirtualHost command.
# See also the BindAddress entry.
#<VirtualHost host.some_domain.com>
#ServerAdmin webmaster@host.some_domain.com
#DocumentRoot /www/docs/host.some_domain.com
#ServerName host.some domain.com
#ErrorLog logs/host.some_domain.com-error log
#TransferLog logs/host.some_domain.com-access_log
#</VirtualHost>
 ******* VIGNETTE ADDITIONS ********
AddHandler server-parsed .html
# THESE ARE NON-OPTIONAL SETTINGS. You must provide values for these settings.
# The location of the StoryServer.cfg file for this content application server.
Vgn_SSConfigFile
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/S
toryServer.cfg
# The location of the shared library directory of your StoryServer installation
\label{libDir ORACLEVGNBASE/StoryServer/R4.2/lib/solaris} Vgn\_ShLibDir O_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/lib/solaris
# ******* VIGNETTE ADDITIONS ********
~~~TEMPLATE: \apache\srm.conf
~~~srm.conf
# With this document, you define the name space that users see of your http
```

```
# server. This file also defines server settings which affect how requests are
# serviced, and how results should be formatted.
# See the tutorials at http://www.apache.org/ for
# more information.
# Originally by Rob McCool; Adapted for Apache
# DocumentRoot: The directory out of which you will serve your
# documents. By default, all requests are taken from this directory, but
# symbolic links and aliases may be used to point to other locations.
#DocumentRoot "O_R_A_C_L_E_A_P_B_A_S_E/htdocs"
DocumentRoot "O_R_A_C_L_E_V_G_N_B_A_S_E/cas-docs"
# UserDir: The name of the directory which is appended onto a user's home
# directory if a ~user request is recieved.
UserDir public_html
# DirectoryIndex: Name of the file or files to use as a pre-written HTML
# directory index. Separate multiple entries with spaces.
DirectoryIndex index.html
# FancyIndexing is whether you want fancy directory indexing or standard
FancyIndexing on
# AddIcon tells the server which icon to show for different files or filename
# extensions
AddIconByEncoding (CMP,/icons/compressed.gif) x-compress x-gzip
AddIconByType (TXT,/icons/text.gif) text/*
AddIconByType (IMG,/icons/image2.gif) image/*
AddIconByType (SND,/icons/sound2.gif) audio/*
AddIconByType (VID,/icons/movie.gif) video/*
AddIcon /icons/binary.gif .bin .exe
AddIcon /icons/binhex.gif .hqx
AddIcon /icons/tar.gif .tar
AddIcon /icons/world2.gif .wrl .wrl.gz .vrml .vrm .iv
AddIcon /icons/compressed.gif .Z .z .tgz .gz .zip
AddIcon /icons/a.gif .ps .ai .eps
AddIcon /icons/layout.gif .html .shtml .htm .pdf
AddIcon /icons/text.gif .txt
AddIcon /icons/c.gif .c
AddIcon /icons/p.gif .pl .py
AddIcon /icons/f.gif .for
AddIcon /icons/dvi.gif .dvi
AddIcon /icons/uuencoded.gif .uu
AddIcon /icons/script.gif .conf .sh .shar .csh .ksh .tcl
AddIcon /icons/tex.gif .tex
AddIcon /icons/bomb.gif core
AddIcon /icons/back.gif ..
AddIcon /icons/hand.right.gif README
```

```
AddIcon /icons/folder.gif ^^DIRECTORY^^
AddIcon /icons/blank.gif ^BLANKICON^^
# DefaultIcon is which icon to show for files which do not have an icon
# explicitly set.
DefaultIcon /icons/unknown.gif
# AddDescription allows you to place a short description after a file in
# server-generated indexes.
# Format: AddDescription "description" filename
# ReadmeName is the name of the README file the server will look for by
# default. Format: ReadmeName name
# The server will first look for name.html, include it if found, and it will
# then look for name and include it as plaintext if found.
# HeaderName is the name of a file which should be prepended to
# directory indexes.
ReadmeName README
HeaderName HEADER
# IndexIgnore is a set of filenames which directory indexing should ignore
# Format: IndexIgnore name1 name2...
IndexIgnore .??* *~ *# HEADER* README* RCS
# AccessFileName: The name of the file to look for in each directory
# for access control information.
AccessFileName .htaccess
# The following lines prevent .htaccess files from being viewed by
# Web clients. Since .htaccess files often contain authorization
# information, access is disallowed for security reasons. Comment
# these lines out if you want Web visitors to see the contents of
# .htaccess files. If you change the AccessFileName directive above,
# be sure to make the corresponding changes here.
<Files .htaccess>
order allow, deny
deny from all
</Files>
# TypesConfig describes where the mime.types file (or equivalent) is
# to be found.
TypesConfig conf/mime.types
# DefaultType is the default MIME type for documents which the server
# cannot find the type of from filename extensions.
DefaultType text/plain
# AddEncoding allows you to have certain browsers (Mosaic/X 2.1+) uncompress
# information on the fly. Note: Not all browsers support this.
```

```
AddEncoding x-compress Z
AddEncoding x-gzip gz
# AddLanguage allows you to specify the language of a document. You can
# then use content negotiation to give a browser a file in a language
# it can understand. Note that the suffix does not have to be the same
# as the language keyword --- those with documents in Polish (whose
# net-standard language code is pl) may wish to use "AddLanguage pl .po"
# to avoid the ambiguity with the common suffix for perl scripts.
AddLanguage en .en
AddLanguage fr .fr
AddLanguage de .de
AddLanguage da .da
AddLanguage el .el
AddLanguage it .it
# LanguagePriority allows you to give precedence to some languages
# in case of a tie during content negotiation.
# Just list the languages in decreasing order of preference.
LanguagePriority en fr de
# Redirect allows you to tell clients about documents which used to exist in
# your server's namespace, but do not anymore. This allows you to tell the
# clients where to look for the relocated document.
# Format: Redirect fakename url
# Aliases: Add here as many aliases as you need (with no limit). The format is
# Alias fakename realname
# Note that if you include a trailing / on fakename then the server will
# require it to be present in the URL. So "/icons" isn't aliased in this
# example.
Alias /icons/ "O_R_A_C_L_E_A_P_B_A_S_E/icons/"
# ScriptAlias: This controls which directories contain server scripts.
# Format: ScriptAlias fakename realname
#ScriptAlias /cgi-bin/ "O_R_A_C_L_E_A_P_B_A_S_E/cgi-bin/"
# If you want to use server side includes, or CGI outside
# ScriptAliased directories, uncomment the following lines.
# AddType allows you to tweak mime.types without actually editing it, or to
# make certain files to be certain types.
# Format: AddType type/subtype ext1
# For example, the PHP3 module (not part of the Apache distribution)
# will typically use:
#AddType application/x-httpd-php3 .phtml
#AddType application/x-httpd-php3-source .phps
# AddHandler allows you to map certain file extensions to "handlers",
# actions unrelated to filetype. These can be either built into the server
# or added with the Action command (see below)
# Format: AddHandler action-name extl
```

```
# To use CGI scripts:
#AddHandler cgi-script .cgi
# To use server-parsed HTML files
#AddType text/html .shtml
#AddHandler server-parsed .shtml
# Uncomment the following line to enable Apache's send-asis HTTP file
# feature
#AddHandler send-as-is asis
# If you wish to use server-parsed imagemap files, use
#AddHandler imap-file map
# To enable type maps, you might want to use
#AddHandler type-map var
# Action lets you define media types that will execute a script whenever
# a matching file is called. This eliminates the need for repeated URL
# pathnames for oft-used CGI file processors.
# Format: Action media/type /cgi-script/location
# Format: Action handler-name /cgi-script/location
# MetaDir: specifies the name of the directory in which Apache can find
# meta information files. These files contain additional HTTP headers
# to include when sending the document
#MetaDir .web
# MetaSuffix: specifies the file name suffix for the file containing the
# meta information.
#MetaSuffix .meta
# Customizable error response (Apache style)
# these come in three flavors
#
     1) plain text
#ErrorDocument 500 "The server made a boo boo.
  n.b. the (") marks it as text, it does not get output
     2) local redirects
#ErrorDocument 404 /missing.html
# to redirect to local url /missing.html
#ErrorDocument 404 /cgi-bin/missing_handler.pl
# n.b. can redirect to a script or a document using server-side-includes.
     3) external redirects
#ErrorDocument 402 http://some.other_server.com/subscription_info.html
# mod_mime_magic allows the server to use various hints from the file itself
# to determine its type.
#MimeMagicFile conf/magic
# The following directives disable keepalives and HTTP header flushes.
# The first directive disables it for Netscape 2.x and browsers which
# spoof it. There are known problems with these.
# The second directive is for Microsoft Internet Explorer 4.0b2
```

```
# which has a broken HTTP/1.1 implementation and does not properly
# support keepalive when it is used on 301 or 302 (redirect) responses.
BrowserMatch "Mozilla/2" nokeepalive
BrowserMatch "MSIE 4\.0b2;" nokeepalive downgrade-1.0 force-response-1.0
# The following directive disables HTTP/1.1 responses to browsers which
# are in violation of the HTTP/1.0 spec by not being able to grok a
# basic 1.1 response.
BrowserMatch "RealPlayer 4\.0" force-response-1.0
BrowserMatch "Java/1\.0" force-response-1.0
BrowserMatch "JDK/1\.0" force-response-1.0
# ******* VIGNETTE ADDITIONS ********
#
# Optional - set the alias to the StoryServer documentation root if this
             is the first development content application server
Alias /StoryServer O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/docroot
# ******* VIGNETTE ADDITIONS ********
~~~TEMPLATE: \apache\startApache
~~~startApache
#!/bin/ksh
O_R_A_C_L_E_A_P_B_A_S_E/sbin/httpd \
   -f O_R_A_C_L_E_A_P_B_A_S_E/conf/httpd.conf
~~~TEMPLATE: \apache\stopApache
~~~stopApache
#!/bin/ksh
kill -TERM `cat O_R_A_C_L_E_A_P_B_A_S_E/logs/httpd.pid`
exit
```

```
~DIRECTORY: templates\ics\
       ~~~TEMPLATE: \ics\cnls.en.msg
       account=Account
       acctaddress=Address
       acctcategory=Account Category
       acctcoupon=Coupons
       acctloginname=Login Name
       acctoneclicksetting=1-Click Settings
       acctpassword=Password
       acctpasswordverify=Verify Password
       acctpendingorder=Pending Orders
       acctpreferences=Preferences
       accttelephone=Telephone/Email
       address1=Address line 1
       address2=Address line 2
       address3=Address line 3
       addressmodified=Successfully Added
       amount=Amount
       amtforvlumdisc=Amt Toward Volume Discount
       amountforvolumediscount=Amount Eligible For Volume Discount
       assistant=Assistant
       begindate=Valid From
       bestprice=You Pay
       billaddr=Billing Address
       billto=Bill To
       callback=Call-Me-Back
       cartpromodiscount=Order Discount
: 🗖
       changecurrency=Change Currency
       checkout=Checkout
ij
       city=City
11
       clear=Clear
==
       clickhere=click here
       county=County
-2
       country=Country
       couponalreadyclipped=Coupon is already clipped.
       couponexpired=Expired
       coupons=Promotion Center
       coupondisc=Promotion Discount
       couponsect=Promotions in Section
       couponstore=Promotions in Store
       couponstoapplytoorder=Available Coupons
       coupontoapply=Coupon Qty
       cpnsandspecialoffers=Coupons and Special Offers
       custname=Customer Name
       date=Date
       dayphone=Telephone (Day)
       description=Description
       dualprccat=Show prices in 2 currencies
       echost==H_O_S_T_N_A_M_E.D_O_M_A_I_N:O_A_S_B_A_S_E21
       email=E-mail
       emailaddress=Address
       emaildescription=Comments
       emailservice=Email Service
       emptyaddrfields=Please make sure address line 1, city and country values are specified.
       emptynamefields=Please specify both first and last names.
       emptypasswdfields=Please specify old and new passwords.
       enddate=Valid To
       eveningphone=Telephone (Eve)
```

faxphone=Fax Number firstcurrencychoice=1st Currency Choice firstname=First Name quest=Guest HostName=http%3A%2F%2FH_O_S_T_N_A M E%2Eus%2Eoracle%2Ecom%3A6521%2F iagree=I Agree idonotagree=I Do Not Agree ifyouarenot=If you are not incorrectaddrinfo=Please make sure all mandatory fields are filled in, the address is valid and that the Shipping as Billing option is selected if no Shipping address is specified. invalidloginname=Login name is invalid : invalidloginnamesample=invalid characters. invalidordernumber=Invalid order number. invalidordernumberpassword=Invalid order number/password. invalidpromotion= Invalid Promotion invalidqtyfield=Quantity fields must be numeric and greater than 0. invcouponquantity=Invalid coupon quantity applied. invloginfields=Please fill in all fields and make sure that the password fields match. invpasswd=Invalid Password invalidselection=Nothing selected lastname=Last Name licenseLevel=License Level linenumber=Item# login=Login logininformation=Login Information logout=Logout mandatoryfield=Mandatory field maxorderamtexceeded=Purchase exceeds maximum allowable amount for store. maxorderitmqtyexceeded=Exceeded maximum number of items that can be ordered per line modify=Modify name=Name newpasswd=New Password newpasswdmismatch=New passwords are not the same nocouponsavailable=No coupons available to apply. notaxsoftwarefound=Unable to verify address with the tax software. numinstock=Number in Stock oldpasswd=Old Password oneclicksettingsupdated=1-Click Settings Successfully Updated oneclicksettingsenable=Enable 1-Click Purchases oneclicksettingsmandatoryitems=Items with * are mandatory. oneclickpmtccnum= Credit Card Number oneclickpmtccexpmm= Expiration Date: MM oneclickpmtccexpyy= YY ordemailflag=Send me email about your products ordemailpmpt=Email Address ordernumber=Order # ordershippingfee=Order Shipping Fee orderstatus=Order Status ordersubtotal=Sub Total origunitprice=List Price orderauthmessage=Please select a password, this will be used when checking the status of an order. orderauthpassword=Check Order Status Password orderselectauthpassword=Please enter the password. ots_country_code=Country Code ots_comments=Notes

```
ots_customer id=Customer Identifier
ots_failure_message=Callback request has failed. Please contact telephony server
administrator.
ots_invalidPhone_message=Invalid Phone Number or Country Code. Please check your Phone
number and country code and try again.
ots_notesToLong_message=Notes field must be less than 512 characters.
ots_noteswarning=Notes must be less than 512 characters.
ots_success_message=Callback request has been successfully processed.
ots_telephone_number=Area Code & Phone No.
ots_telephone_extension=Extension
outofstock=Not enough items in stock
partnumber=Part #
passwdchanged=Password changed successfully
passwordinformation=Password Information
paymethod=Payment Method
perscommerceoff=Disable Personalized View
perscommerceon=Enable Personalized View
personalinfo=Personal Information
phone=Telephone
platform=Platform
postalcode=Zip/Postal Code
preferencesmodified=Successfully added
price=Price
pricecategories=Price Category
pricecategorychangeerror=Cannot change price category.
pricerange=Price Range
productage=Product Age
promo=Promotion
promocode=Promo Code
promoctr=Promotion Center
promoctrwelcome=Here are all the promotions we would like to offer you throughout the
store.
promotionadd=Promotion Successfully Added
proxyhost=P_R_O_X Y S E R V E R
proxyport=P_R_O_X_Y_P_O_R_T
quantity=Quantity
Register_Attribute1=Password hint question
Register_Attribute2=Password hint answer
registration=Registration
regularprice=Regular
regularunitprice=Reg. Unit Price
removeitem=Remove
saleprice=Sale
sales=Sales
salesect=Sale in Section
salestore=Sale in Store
savedtotal=Total Saving Amt
score=Score
searchdatatofetch=Search data to fetch
searchon=Search On
secondcurrencychoice=2nd Currency Choice
sectionsearch=Section Search
select=Select
shcrtitemadded=item(s) successfully added to shopping cart
shipaddr=Shipping Address
shipdate=Ship Date
shipmethod=Shipment Method
shippingasbillingaddr=Shipping as Billing Address
shippingfee=Shipping & Handling
```

```
shippinginformation=Shipping Information
shippingoption=Shipping Option
shippingstatus=Shipping Status
shipto=Ship To
shoppingcartexpired=Shopping cart has expired.
singleprocat=Show prices in 1 currency
sku=SKU
state=State/Province
storedirectory=Directory
storesearch=Store Search
subtotal=Sub Total
supportlevel=Support Level
supportLevel=Support Level
tamtforvlumdisc=Total Amt Toward Volume Discount
tax=Tax
taxcangst=Tax GST
taxcanpst=Tax PST
telephonedescription=Comments
telephoneinformation=Telephone/Email Information
telephonemodified=Successfully added
telephonenumber=Number
telephonetype=Type
total=Total
totalafterdiscount=Total After Volume Discount
totalforvlumdisc=Total Amt Toward Volume Discount
tpihost=http://H_O_S_T_N_A_M_E.D_O_M_A_I_N:A_P_A_C_H_E_B_A_S_E40
tpihostmp=H_O_S_T_N_A_M_E.D_O_M_A_I_N:A_P_A_C_H_E_B_A_S_E40
trackingnotavailable=Not available
trackingnumber=Tracking Number
tvolumediscount=Total Volume Discount
uniqueloginname=Login names must be unique. Please select another login name.
unitprice=Unit Price
usecancelorder=Use Cancel Order to remove the last order item.
viewcart=View Cart
vlumdisctotal=Total Volume Discount
wallet=Coupon Wallet
welcome=Welcome
yourunitprice=Your Unit Price
prccatdualprefix=dual
~~~TEMPLATE: \ics\cstage.cfg
; -----
; Start of configuration file cstage.cfg
; Oracle Internet Commerce (iStore)
; Customer Interface Configuration File (Staging System)
; Number of Walkin Prdt's to display
max_walkin_products_displayed=2
; Number of BestSellers to display
max_bestsellers_per_category=5
; Database connectivity
; -----
username= TDOSfits
password= TDOSfits
```

```
connectstring= O_R A C L E S I D
; NLS
; ---
nls_language= en
; Application directories
oec_home= O_R_A_C_L_E_O_A_S_P_R O D B A S E/oec
oracle_home= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E
store_doc_dir=
store_instance_dir= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/stage/store
output dir= /tmp
; ------
; Begin web session related parameters
; use_cookie= [true/false] (true if undefined)
; if "true", session info will be passed in a browser cookie
; if "false" it will be in URL or in a hidden field in forms
use_cookie= false
; cookie_encryption_key= [key] (no encryption if undefined)
; key using which the session info will be encrypted
cookie_encryption_key= a
; url_timeout_period= [time in minutes] (no timeout if undefined)
; period of inactivity after which a page times out and forces the
; shopper to restart. applicable only when use_cookie=false
; nb: if using frames, the menu frame is inactive most of the time
;url_timeout_period= 30
; timeout_url= [url] (by default, goes to ecexpiredpage.<nls>.htm)
; url where the shopper is taken if a page times out.
; this is obsolete. ecexpiredpage.<nls>.htm is always used
; cookie_expiration= [time in days] (if undefined, never expires)
; period after which browser cookie expires
; applicable only when use cookie is true
cookie_expiration= 60
; domainname= [domain name]
; domain associated with browser cookie. required if using cookies
; Please ensure that there are atleast two dots in the domain name
; for eg us.oracle.com or .abc.com but not just abc.com
domainname= .us.com
; ------
; End web session related parameters
; -----
; ------
; Customer interface specific parameters
; ------
customer root= cec
html cache on= true
log_requests= false
```

```
country_config_file= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A S E/oec/config/country.cfg
check_price_list= false
display_ics_invoice= true
;if you don't take PO number online, set always_using_faxed_po to true
;always_using_faxed_po= true
;Set the following parameter to true if you need to recalculutate
; the promotions after a valid promo code is entered
recalculate_promotions= false
;Set the following parameter to true if you need to reset the promotion
; code entered by the user; the reset will happen at the time of authorizing
; the payment.
reset_promocodes= false
; Third Party options
; -----
oecinvitm_config_file=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec/config/oecinvitm.cfg
taxware_config_file= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec/config/taxware staging.cfg
orainvitm_config_file= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec/config/orainvitm.cfg
; Log server parameters
log_level= 11
enable_logging= false
debug_console= false
; Cache parameters
; -----
cache_on= true
store_cache_size= 1
sect_cache_size= 50
prd cache size= 100
prditm cache size= 200
cpn_cache_size= 100
;Affilate Tracking - tracking do methods
; -----
eceshctlink= true
eceprodlinksku= true
ecorderinvoice=true
ecehome=true
ecesearchlink=true
ecesectlink=true
eceprodlinkp=true
;Volume discount configuration
;if volume discount should be taxed, set vlumdisc_for_tax to true
;vlumdisc_for_tax = true
;if volume discount is required along with coupon, set vlumdisc_with_cpn to tru
;vlumdisc_with_cpn= true
; iPayment 3.1.0 Integration Parameters
; -----
; If you want to use HTTPS ( or SSL ) to communicate with
; the iStore customer for iPaymentPay page which lets the
; | customer input the Credit Card Number, you should set
; using_ssl as true. But you should set up a SSL port
```

```
; | manually through OAS Node Manager by yourself
;using_ssl= false
; | If you set using_ssl as true and you already set up a
; SSL port manually through OAS Node Manager, you will
; | set ssl_host_name as that fully qualified OAS machine
; name, Ex: a.b.com
;ssl_host_name= [full qualified machine name]
; If you set using_ssl as true and you already set up a
; SSL port manually through OAS Node Manager, you will
; | set ssl_port as the port number you set up for cstage
; listener using SSL under OAS Node Manager
;ssl_port= [ssl port number you already set up in OAS]
; | If you set using_ssl as true and you already set up a
; | SSL port manually through OAS Node Manager, you should
; | also set this host_name as that fully qualified OAS
; | machine name which non-ssl port is running, Ex: a.b.com
;host_name= [full qualified machine name]
; If you set using_ssl as true and you already set up a
; | SSL port manually through OAS Node Manager, you should
; also set this host_port as the port number you set up
; | for cstage listener not using SSL under OAS Node Manager
;host_port= [non-ssl port number you set up in OAS]
; | If you want to use HTTPS ( or SSL ) to communicate
; | between the iStore Server and iPayment Server, you
; | should set this ipayment_using_ssl as true ( the default
; | is false ). For making this work, you should follow the
; OAS Administration Manual and iPayment Manual to config
; | both OAS running iStore and OAS running iPayment
; | correctly. And you should set up the followed two
; | parameters.
ipayment_using_ssl = false
; | If you set the ipayment_using_ssl as true, you need set
; this ipayment_oas_wallet_loc as the directory you put
; | the oracle wallet for SSL certification, you should follow
; the OAS Administration Manual and iPayment Manual to config
; both OAS running iStore and OAS running iPayment correctly.
;ipayment_oas_wallet_loc = [directory you put oracle wallet]
; If you set the ipayment_using_ssl as true, you need set
; | this ipayment_oas_wallet_pass as the password you use to
; access your oracle wallet, you should follow the OAS
; | Administration Manual and iPayment Manual to config both
; OAS running iStore and OAS running iPayment correctly.
;ipayment_oas_wallet_pass = [ password used to access your oracle wallet]
```

```
; List of Sensitive methods
; List contains comma-separated list of methods which need a secure mode of
; access (Authentication, in the form of credentials)
;sensitive methods =
ecacctroot,ecacctaddress,ecacctpasswd,ecacctpreferences,ecaccttelephone,ecacheckout,ecche
ckout, econeclicksetting, ecauthpmt
; Net Perceptions Integration Parameters
; When set to false, iStore will not send any ratings to Net Perceptions.
; To completely disable the integration with Net Perceptions, be sure to remove
; any Net Perceptions-enabled templates from the store.
netp_enabled = true
; The hostname of the machine where the Net Perceptions recommendation engine
; is located.
netp_hostname = dallsoluctrsv01
; This is name that the Orbix ORB uses to communicate with the Net Perceptions
; recommendation engine. It is specified during the installation of Net
; Perceptions.
netp_servername = prod
; When set to true, iStore will send ratings to Net Perceptions whenever a
; Product Item detail page is viewed. <netp_enabled> must be set to true for
; this parameter to be active.
netp_enabled.sync browse = true
; When set to true, iStore will send ratings to Net Perceptions whenever a
; Product Item is purcahsed. <netp_enabled> must be set to true for
; this parameter to be active.
netp_enabled.sync_purchase = true
; ISPEED PARAMS
-----
; BROWSER CHAR SET
; ---
browser_char_set= WE8ISO8859P1
browser_char_set_isocode= ISO-8859-1
jdbcstring= jdbc:oracle:oci8
maxconnections= 10
timeout= 60
; End of configuration file cstage.cfg
; -----
~~~TEMPLATE: \ics\gatekeeper.ior
#!/bin/sh
echo "Content-type:text/html"
echo
cat O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/iors/gatekeeper.ior
~~~TEMPLATE: \ics\mstage.cfg
; ------
; Start of configuration file mstage.cfg
; Oracle Internet Commerce
```

```
; Merchant - Store Manager - Configuration File (Staging System)
; Database connectivity
; ------
username= SDOSfits
password= SDOSfits
connectstring= O_R_A_C_L_E_S_I_D
; NLS
; ---
nls_language= en
; Store Manager specific parameters
; -----
merchant_root= oec
html_cache_on= true
{\tt country\_config\_file=\ O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/oec/config/country.cfg}
; Third Party options
; -----
{\tt oecinvitm\_config\_file=O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/oec/config/oecinvitm.cfg}
taxware_config_file= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec/config/taxware_staging.cfg
orainvitm_config_file= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec/config/orainvitm.cfg
; Application directories
oec_home= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec
oracle_home= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E
store_doc_dir=
store_instance_dir= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec/storemgr
output_dir= /tmp
; Log Server parameters
; ------
log_level= 1
log_port= 9000
log_server_hostname=
enable_logging= false
debug_console= false
; Net Perceptions Integration Parameters
; When set to false, iStore will not send any ratings to Net Perceptions.
; To completely disable the integration with Net Perceptions, be sure to remove
; any Net Perceptions-enabled templates from the store.
netp_enabled = true
; The hostname of the machine where the Net Perceptions recommendation engine
; is located.
netp_hostname = dallsoluctrsv01
; This is name that the Orbix ORB uses to communicate with the Net Perceptions
; recommendation engine. It is specified during the installation of Net
; Perceptions.
netp_servername = prod
```

```
; End of configuration file mstage.cfg
; -----
~~~TEMPLATE: \ics\oecinvitm.cfg
; Start of configuration file oecinvitm.cfg
; Oracle Internet Commerce
; Oracle Inventory Item Configuration File
; Oracle Inventory Item environment variables
; Database connection
; NOTE: A separate config file should be created if you need different
       testing and deployment database accounts.
oectpinv username= OECTPDfits
oectpinv password= OECTPDfits
oectpinv_connectstring= O_R_A_C_L_E_S_I_D
; End of configuration file oecinvitm.cfg
~~~TEMPLATE: \ics\owsenv bsh.sh
# This is a Bourne Shell script for setting up your environment variables.
if [ -z "$LD_LIBRARY_PATH" ]
then
      LD_LIBRARY_PATH=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/lib:O_R_A_C_L_E_O_A_S_P_
R_O_D_B_A_S_E/ows/4.0/lib:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/jdk/lib/sparc/native_
threads:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ots/1.0/lib:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/1
ib ; export LD_LIBRARY_PATH
else
      LD_LIBRARY_PATH=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/lib:O_R_A_C_L_E_O_A_S_P_
R_O_D_B_A_S_E/ows/4.0/lib:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/jdk/lib/sparc/native_
threads:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ots/1.0/lib:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/1
ib:${LD_LIBRARY_PATH} ; export LD_LIBRARY_PATH
if [ -z "$PATH" ]
then
      PATH=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/bin:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S
_E/orb/4.0/admin/cgi:O_R_A_C_L_E_O_A_S P R O D B A S E/orb/4.0/bin:O R A C L E O A S P R
O_D_B_A_S_E/ots/1.0/bin:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/jdk/bin:O_R_A_C_L_E_O_A
_S_P_R_O_D_B_A S E/bin; export PATH
      PATH=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/bin:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S
E/orb/4.0/admin/cgi:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/bin:O_R_A_C_L_E_O_A_S_P_R
O_D_B_A_S_E/ots/1.0/bin:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/jdk/bin:O_R_A_C_L_E_O_A
S_P_R_O_D_B_A_S_E/bin:${PATH}; export PATH
if [ -z "$CLASSPATH" ]
then
      CLASSPATH=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/classes/ecoapi.jar:O_R_A_C_L_E_O_A_S_P_R_O
```

```
else
       CLASSPATH=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/classes/ecoapi.jar:O_R_A_C_L_E_O_A_S_P_R_O
fi
if [ -z "$MANPATH" ]
then
       MANPATH=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc; export MANPATH
else
       MANPATH=${MANPATH}:O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc; export MANPATH
fi
ORACLE_HOME=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E ; export ORACLE_HOME
ORAWEB_HOME=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0 ; export ORAWEB_HOME
ORAWEB_SITE=O A S S I T E N A M E ; export ORAWEB SITE
ORAWEB_ADMIN=O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows; export ORAWEB_ADMIN
ORB_HOME=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0; export ORB_HOME
ORAWEB_NAMEROOT=/.:/applications/oracle/OAS; export ORAWEB_NAMEROOT
JRE_HOME=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/jdk; export JRE_HOME
if [ "us" = "ja" ]
then
      NLS_LANG="JAPANESE_JAPAN.JA16EUC"; export NLS_LANG
elif [ "us" = "zhs" ]
then
      NLS_LANG="SIMPLIFIED CHINESE_CHINA.ZHS16GBK"; export NLS LANG
elif [ "us" = "ptb" ]
then
      NLS_LANG="BRAZILIAN PORTUGUESE BRAZIL.WE8ISO8859P1"; export NLS LANG
else
      NLS_LANG=; export NLS_LANG
fi
ORACLE_BASE=O_R_A_C_L_E_O_A_S_B_A_S_E ; export ORACLE_BASE
ORAORB_SITE=O_A_S_S_I_T_E_N_A_M_E ; export ORAORB SITE
~~~TEMPLATE: \ics\perlidlc
#!/bin/sh O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/../cartx/common/perl/bin/perl
# Perl source file used to compile IDL to perl client mappings
# This script generates perl and java stubs for an IDL file. Java stubs
# are generated because perl stubs uses them to communicate to the ORB
# The programmer who uses perl stubs is not aware of the java mappings
# and should use this script to generate both perl and java stubs for
# a particular IDL and use the perl stubs (mappings) in his/her perl
# programs/scripts
# Usage : perlidlc <otherflags> -o <dir> <otherflags> IDLfile
my \$debug = 0;
if($#ARGV < 0) {
    print "Usage: perlidlc [-o <dir>] <flags> IDLfile\n";
    exit;
}
soutarg = 0;
OUTER:
for($i = 0; $i < $\#ARGV; $i++) {}
    if ($ARGV[$i] eq "-o") {
```

```
\text{$outarg = $i + 1;}
       last OUTER;
    }
}
if($^0 =  m/Win32/) {
    $P = "\\";
    $C = ";";
else {
    $P = "/";
    $C = ":";
}
# default output directory should be stuffed in args
if (!$outarg) {
    $default_path = 1;
    my $tail = $#ARGV;
    my $tailarg = $ARGV[$tail];
    $ARGV[$tail] = '-0';
    ARGV[tail + 1] = "O_R_A_C_L_E_O_A S P R O D B A S E/ows/4.0".
"${P}..${P}cartx${P}livehtml${P}stubs";
    die "Installation is not complete: " . $ARGV[$tail + 1] . " not found.\n"
       if(!opendir DIR, $ARGV[$tail + 1]);
    closedir DIR;
    $outarg = $tail + 1;
    $ARGV[$tail + 2] = $tailarg;
mkdir $ARGV[$outarg], 0755;
@perlARGV = @ARGV; $perlARGV[$outarg] .= "${P}perl"; mkdir $perlARGV[$outarg], 0755;
@javaARGV = @ARGV; $javaARGV[$outarg] .= "${P}java"; mkdir $javaARGV[$outarg], 0755;
use File::Find;
@javafiles = ();
sub findjavafiles {
    my $javafile;
    if ($File::Find::name =~ /\.java/)
       $javafile = $File::Find::name;
       = s/\/\
        push @javafiles, $javafile;
    }
}
# Generate perl stubs
@args = ("O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0${P}bin${P}perlidlcexe", @perlARGV);
print "Generating Perl stubs ...\n";
print "
         Executing @args\n" if $debug;
system(@args) == 0
    or die "$args[0]: $!\n";
print "Please include $perlARGV[$outarg] in your PERLLIB environment variable" .
    (!$default_path ? " and LiveHTML Perl Application Library Path" : "") .
    ".\n";
# Generate java stubs
@args = ("O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0${P}bin${P}wrbjidlc", @javaARGV);
```

```
print "Generating Java stubs for Perl stubs .";
 print "
                                  Executing @args\n" if $debug;
 system(@args) == 0
             or die "$args[0]: $!\n";
 # Compile those java stubs with javac
 my @javacargs = ("-classpath",
 "O_RA_CLE_OA_S_PR_OD_BA_S_E/ows/4.0\$\{P\}jdk\$\{P\}lib\$\{P\}classes.zip\$\{C\}O_RA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_CLE_OD_BA_C
  E/ows/4.0\$\{P\}classes\$\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes\$\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes\$\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes\$\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes\$\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes§\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes§\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes§\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes§\{P\}services.jar\$\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}classes§\{P\}services.jar§\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}services.jar§\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}services.jar§\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}services.jar§\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}services.jar§\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}services.jar§\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}services.jar§\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$\{P\}services.jar§\{C\}O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0\$[P]services.jar§\{C\}O\_R\_A\_C\_L\_B\_C\_C\_R\_A\_C\_R\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R\_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R_A\_C\_R
 C \ . " \ ;
 chdir $javaARGV[$outarg];
 find(\&findjavafiles, ".");
 while (@javafiles) {
              \label{eq:my_eargs} \mbox{ my @args = ("O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0$\{P\}jdk$\{P\}bin$\{P\}javac", } 
                                          @javacargs, splice(@javafiles, 0, 5));
                                              Executing @args\n" if $debug;
             system(@args) == 0
                         or die "$args[0]: $!\n";
            print ".";
print "\nPlease include $javaARGV[$outarg] in your CLASSPATH environment variable" .
              (!$default_path ? " and LiveHTML environment section" : "") . ".\n";
 ~~~TEMPLATE: \ics\primary.dat
Host=H_O_S_T_N_A_M_E.D_O_M_A_I_N
Port=O_A_S_N_O_D_E_P_O_R_T
Site=O_A_S_S_I_T_E_N_A_M_E
 ~~~TEMPLATE: \ics\profile
ORACLE_BASE=O_R_A_C_L_E_O_A_S_B_A_S_E; export ORACLE BASE
ORACLE_HOME=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E; export ORACLE HOME
ORAWEB_HOME=$ORACLE_HOME/ows/4.0; export ORAWEB_HOME
ORAWEB_ADMIN=$ORACLE_BASE/admin/ows; export ORAWEB_ADMIN
ORACLE_SID=O_R_A_C_L_E_S_I_D; export ORACLE_SID
THREADS_FLAG=native; export THREADS_FLAG
ORAORB_SITE=O_A_S_S_I_T_E_N_A_M_E; export ORAORB_SITE
ORAWEB_SITE=O_A_S_S_I_T_E_N_A_M_E; export ORAWEB_SITE
LD_LIBRARY_PATH=$ORACLE_HOME/lib:$ORAWEB_HOME/lib:/usr/dt/lib:/usr/openwin/lib:$ORACLE_HO
ME/jdbc/lib; export LD_LIBRARY_PATH
ORACLE_TERM=xsun5; export ORACLE TERM
umask 022
PATH=$ORACLE_HOME/bin:/usr/bin:/usr/ccs/bin:/usr/local/bin:/opt/bin:$ORACLE_BASE/pro
duct/8.0.5/bin:
TMPDIR=/tmp;export TMPDIR
CLASSPATH=$ORACLE_HOME/mocha/mocha.zip:$ORACLE_HOME/oec/java/oec:$ORACLE_HOME/oec/java;ex
port CLASSPATH
MANPATH=$ORACLE_BASE/product/ics/orb/4.0/man
PRINTER=/bin/echo; export PRINTER
TK2_PRINT_STATUS=/bin/echo; export TK2_PRINT_STATUS
TNS_ADMIN=$ORACLE_HOME/network/admin;export TNS_ADMIN
 . O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/install/owsenv bsh.sh
NLS_LANG=AMERICAN_AMERICA.WE8ISO8859P1; export NLS_LANG
#stty erase
```

```
~~~TEMPLATE: \ics\profile.old
ORACLE_BASE=T_O_O_L_S_D_I_R/oracle; export ORACLE_BASE
ORACLE_HOME=$ORACLE_BASE/product/ics; export ORACLE HOME
ORAWEB HOME=$ORACLE_HOME/ows/4.0; export ORAWEB_HOME
ORAWEB_ADMIN=$ORACLE_BASE/admin/ows; export ORAWEB ADMIN
ORACLE_SID=O_R_A_C_L_E_S_I_D; export ORACLE_SID
THREADS_FLAG=native; export THREADS_FLAG
ORAORB_SITE=website40;export ORAORB_SITE
ORAWEB_SITE=website40;export ORAWEB SITE
LD_LIBRARY_PATH=$ORACLE_HOME/lib:$ORAWEB_HOME/lib:/usr/dt/lib:/usr/openwin/lib:$ORACLE_HO
ME/jdbc/lib; export LD_LIBRARY PATH
ORACLE_TERM=xsun5; export ORACLE_TERM
umask 022
PATH=$ORACLE_HOME/bin:/usr/bin:/usr/ccs/bin:/usr/local/bin:/opt/bin:$ORACLE_BASE/pro
duct/8.0.5/bin:
TMPDIR=/tmp;export TMPDIR
CLASSPATH=$ORACLE_HOME/mocha/mocha.zip:$ORACLE_HOME/oec/java;export CLASSPATH
MANPATH=$ORACLE_BASE/product/ics/orb/4.0/man
PRINTER=/bin/echo; export PRINTER
TK2_PRINT_STATUS=/bin/echo; export TK2_PRINT_STATUS
TNS_ADMIN=$ORACLE_HOME/network/admin;export TNS_ADMIN
. $ORACLE_BASE/product/ics/ows/4.0/install/owsenv_bsh.sh
NLS_LANG=AMERICAN_AMERICA.US7ASCII; export NLS_LANG
~~~TEMPLATE: \ics\rmproxy.ior
#!/bin/sh
. O_RA_CL_EO_AS_PRO_DB_AS_E/ows/4.0/install/owsenv_bsh.sh
echo "Content-type:text/html"
echo
$ORAWEB_HOME/bin/owsctl getIOR -w wrbrmpxy -force
~~~TEMPLATE: \ics\server.dfl
[NetInfo]
MaxConnectCount
                            = 338
DNSResolution
                            = NEVER
ServerPID
                    = /tmp/ServerPID
;
;
; Log Information
; Set values for ...
                           ... Place for all log files
       LogInfoFile ... Information (Audit) Log file
       LogErrorFile ... Error Log File
[LogParams]
TimeStyle
                 = GMT
AdminFile
                 = /tmp/LogError
; Server Parameters
; Set values for ...
      RequestTimeout
                          ... Time out for incoming requests
      ResponseTimeout
                          ... Time out for outgoing responses
;
      ScriptTimeout
                          ... Time out for Script response time
[Server]
```

```
InitialFile
                     = wwwIndex.html
DefaultMIMEType
                    = application/octet-stream
; UserDir
                      = public_html
; UserDirInitialFile = myinitial.html
DefaultCharset
                    = iso-8859-1
PreferredLanguage = en
ImageMap
                    = map
UseDirIndexing
                    = FALSE
CGITimeout
                    = 900
; Secure Information Parameters
; Set values for ...
       UserID
                             ... Acquire privileges for User ID
       GroupID
                             ... Acquire privileges for Group ID
[SecureInfo]
UserID
                        nobody
GroupID
                        other
; Directory Mappings
; List each mapping from a physical directory to a
; virtual directory, including the indicator whether
; the directory contains scripts or whether the
; subdirectories should be mapped recursively (R) or
; non-recursively (N).
[DirMaps]
; This first line which has ?/ows/doc needs to be here to keep
; the virtual path ordering correct.
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc/
O_R_A_C_L_E_O_A S P R O D B A S E/ows/4.0/bin/
                                                                 CN
                                                                          /ows-bin/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A S E/ows/4.0/doc/
                                                                 NR
                                                                        /ows-doc/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/img/ NR
                                                                 /ows-img/
\label{eq:constraints}  \mbox{O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0/admin/img/ NR} 
                                                                 /ows-aimg/
\label{eq:constraints}  \mbox{O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0/admin/doc/} \ \ \mbox{NR} 
                                                                 /ows-adoc/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/classes/
                                                                 NR
                                                                          /ows-vbclasses/
; File Cache
; List the full virtual filename path or wild-card
; expression denoting one or more files in the ServerEs
; virtual file system.
; [FileCache]
;/products/*
;/products/xr25/Version*.c
;/employees/list/phones
; Language Extensions
; List for each combination of language type
; and character set one or more unique
; extensions.
```

```
[LangExt]
en
              iso-8859-1
                                           eng
              unicode-1-1
en
                                           engU uc
fr-CA
              iso-8859-1
                                           frc
fr-FR
              iso-8859-1
                                           fr
jp-JP
              iso-2022-jp
                                           jр
jp-JP
              unicode-1-1-utf-8
                                           jpU
; MIME Types
; List for each combination of MIME Type
; and representation one or more unique
; extensions.
[MIMETypes]
text/html
              htm html
image/jpeg
              jpg jpeg
image/gif
              gif
appl/text
              doc
text/plain
              txt ksh lst
application/pdf pdf
application/postscript ps
model/vrml wrl vrml
video/mpeg
              mpeg mpg mpe
[Encodings]
                 z
compress
gzip
                 gz
;The ordering of the DynApps should not be changed
[DynApps]
\label{eq:classical_loss} \texttt{O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0/lib/ndwfss.so} \ \ oracle\_adp\_init
~~~TEMPLATE: \ics\startWEB
#!/bin/sh
# Start the application server processes.
owsctl start
owsctl start -nodemgr
~~~TEMPLATE: \ics\stopWEB
#!/bin/sh
# Stop the application server processes.
owsctl stop
owsctl stop -nodemgr
exit
```

```
~DIRECTORY: templates\netp\
~~~TEMPLATE: \netp\cshprofile
#!/bin/csh
# Copyright 1998 Net Perceptions, Inc. All Rights Reserved.
# Environment configuration file for csh based shells. Please source
# this file before running any Net Perceptions for E-commerce command.
# Net Perceptions for E-commerce configuration variables not in
# this script should be set using the modify_configuration_variable
# command in netpadmin. See your manual for more details.
if (! $?ORACLE_HOME ) then
    setenv ORACLE_HOME O_R_A_C_L_E_H_O_M_E
endif
if ( ! $?NP_HOME ) then
    setenv NP_HOME O_R_A_C_L_E_N_P_B_A_S_E
endif
if (! $?NP DBROOT ) then
    setenv NP_DBROOT O_R_A_C_L_E_N_P_B_A_S_E/config
endif
if ( ! $?NP ROOT ) then
    setenv NP_ROOT NamingService:O_R_A_C_L_E_S_I_D
endif
if (! $?NP_MODE) then
    setenv NP_MODE Key
endif
if ( ! $?ORBIX NAMES ) then
    setenv ORBIX_NAMES O_R_A_C_L_E_N_P_B_A_S_E/iona/OrbixNames1.1c
endif
if (! $?ORBIX MT ) then
   setenv ORBIX_MT O_R_A_C_L_E_N_P_B_A_S_E/iona/OrbixMT_2.3c
endif
# The following variable defines the service name offered by CORBA.
if (! $?NP_SERVNAME) then
   setenv NP_SERVNAME O_R_A_C_L_E_S_I_D
endif
# verify some values.
if ( ( "$ORACLE_HOME" == "" ) || \
      ( "$NP_HOME" == "" ) || ( "$NP_DBROOT" == "" ) || \
      ( "$ORBIX_NAMES" == "" ) || ( "$ORBIX_MT" == "" ) || \
      ( "$NP_SERVNAME" == "" ) ) then
   echo "ERROR: Initial Net Perceptions environment variables are not set."
   echo "
               Please edit config/cshprofile and set the initial variables and rerun
script."
   exit 1
endif
if ( ! -d "$ORACLE HOME" ) then
   echo "ERROR: Directory specified by ORACLE_HOME environment variable is not
accessible."
   echo "
                Please update config/cshprofile and rerun it."
   exit 1
```

```
endif
# Set the IONA variables
setenv IT_CONFIG_PATH $NP_HOME/iona
# Update PATH
setenv PATH "$PATH": $NP_HOME/bin: $ORACLE_HOME/bin: $NP_HOME/jre/bin
# Update LD LIBRARY PATH
if ( ! $?LD_LIBRARY_PATH ) setenv LD_LIBRARY PATH ""
setenv LD LIBRARY PATH
"$LD_LIBRARY_PATH": $NP_HOME/lib: $ORACLE_HOME/lib: $NP_HOME/lib/rw: $ORBIX_NAMES/lib: $ORBIX_
MT/lib
# Set NP CLASSPATH
setenv NP_CLASSPATH
.: $NP_HOME/iona: $NP_HOME/java/NetPerceptionsN.jar: $NP_HOME/java/NetPerceptionsI.jar: $NP_H
OME/java/OrbixWeb_3.0.4.jar:$NP HOME/examples
# Set path to web browser,
# used to display online help from applications like netpmanage
if ( ! $?NP_BROWSER ) then
   setenv NP_BROWSER /opt/netscape/netscape
endif
~~~TEMPLATE: \netp\env.cfg
# This file is automatically generated and maintained by the Net Perceptions(TM)
# Recommendation Engine. Do not modify, or this software may not work correctly
NP_BIN
            O_R_A_C_L_E_N_P_B_A_S_E/bin
NP_DBDRIVER ORACLE8
NP DBPASS
            N_P_D_B_P_A_S_S
NP DBSRC
            O_R_A_C_L_E_S_I_D
NP DBUSER
           N_P_D_B_U_S_E_R
NP_LICENSE_FILE
                  O_R_A_C_L_E_N_P_B_A_S_E/config/netp.license
NP_SHMEM_ID N_E_T_P_PORT
~~~TEMPLATE: \netp\Orbix.cfg
# This file contains the default values for Orbix system configuration.
# Below are listed the main orbix environment configuration variables
# and associated default values.
# A orbix client, server or daemon will use these values
# if, and only if, the relevant unix environment
# variable is not defined.
IT_ORBIX_HOME
                                O_R_A_C_L_E_N_P_B_A_S_E/iona
IT ERRORS
                         $(IT ORBIX HOME)/ErrorMsqs
IT_IMP_REP_PATH
                                $(IT_ORBIX_HOME)/ImpRep
```

```
IT_INT_REP_PATH
                                  $(IT_ORBIX_HOME)/IntRep
IT_LOCATOR_PATH
                                  $(IT_ORBIX_HOME)/Locator
IT LOCAL DOMAIN
                                  D_O_M_A_I_N
IT NAMES PATH
                                  $(IT_ORBIX_HOME)/NamesRep
IT DAEMON PORT
                                  N_E_T_P_P_O_R_T
IT_DEFAULT_CODE
IT_DEFAULT_COMMS
IT CONNECT ATTEMPTS
                           15
IT DAEMON SERVER RANGE
                                  1024
IT_DAEMON_SERVER_BASE
                                  7590
~~~TEMPLATE: \netp\Orbix.hosts
NS: H_O_S_T_N_A_M_E.D_O_M_A_I N :
IT_daemon: H_O_S_T_N_A_M_E.D O M A I N :
~~~TEMPLATE: \netp\OrbixWeb.properties
# OrbixWeb properties file. You really should use "owconfig" to edit this.
# Note that backslash is an escape character in this format, so any paths on
# NT or Windows 95 need to use double backslashes!
# (RAW VERSION -- USED BY THE INSTALLATION SCRIPT)
OrbixWeb.IT NS PORT=N E T P P O R T
OrbixWeb.IT_ORBIXD_IIOP_PORT=N_E_T_P_P_O_R_T
OrbixWeb.IMPL_IS_READY_TIMEOUT=30000
OrbixWeb.IT_ACCEPT_CONNECTIONS=true
OrbixWeb.IT_ALWAYS_CHECK_LOCAL_OBJS=false
OrbixWeb.IT_ANY_BUFFER_SIZE=512
OrbixWeb.IT_BIND_USING_IIOP=true
OrbixWeb.IT_BUFFER_SIZE=8192
OrbixWeb.IT_CLASSPATH_SWITCH=-classpath
OrbixWeb.IT_CONNECTION_TIMEOUT=300000
OrbixWeb.IT_CONNECT_TABLE_SIZE_DEFAULT=100
OrbixWeb.IT DAEMON SERVER BASE=2000
OrbixWeb.IT_DAEMON_SERVER_RANGE=2000
OrbixWeb.IT_DETECT_APPLET_SANDBOX=true
OrbixWeb.IT_DIRECT_DISPATCH=false
OrbixWeb.IT_DII_COPY_ARGS=false
OrbixWeb.IT_DSI_COPY_ARGS=false
OrbixWeb.IT_HTTP_TUNNEL_HOST=
OrbixWeb.IT_HTTP_TUNNEL_PORT=0
OrbixWeb.IT_HTTP_TUNNEL_PREFERRED=false
OrbixWeb.IT_HTTP_TUNNEL_PROTO=
OrbixWeb.IT IIOP LISTEN PORT=0
OrbixWeb.IT_IIOP PROXY HOST=
OrbixWeb.IT_IIOP_PROXY_PORT=0
OrbixWeb.IT_IIOP_PROXY_PREFERRED=false
OrbixWeb.IT_IIOP_USE_LOCATOR=true
OrbixWeb.IT_IMPL_READY_IF_CONNECTED=true
OrbixWeb.IT INITIAL REFERENCES=
OrbixWeb.IT_IORS USE DNS=true
OrbixWeb.IT_KEEP_ALIVE_FORWARDER CONN=true
OrbixWeb.IT_LISTENER_PRIORITY=5
OrbixWeb.IT LOCAL HOSTNAME=
OrbixWeb.IT LOCATE ATTEMPTS=2
OrbixWeb.IT LOCATOR HOPS=3
OrbixWeb.IT_MARSHAL NULLS OK=true
OrbixWeb.IT_MULTI THREADED SERVER=false
OrbixWeb.IT_NAMES_HASH_TABLE_LOAD_FACTOR=0.5
```

```
OrbixWeb.IT_NAMES_HASH_TABLE_SIZE=23
        OrbixWeb.IT NAMES SERVER=NS
        OrbixWeb.IT NAMES TIMEOUT=
        OrbixWeb.IT_NON_COPYING ANYS=false
        OrbixWeb.IT_NS_HOSTNAME=H_O_S_T_N_A_M_E.D_O_M_A_I_N
        OrbixWeb.IT_NS_IP_ADDR=
       OrbixWeb.IT_OBJECT_CONNECT_TIMEOUT=-1
OrbixWeb.IT_OBJECT_TABLE_LOAD_FACTOR=0.75
OrbixWeb.IT_OBJECT_TABLE_SIZE=1789
        OrbixWeb.IT_ORBIXD_PORT=7570
        OrbixWeb.IT_READER_PRIORITY=3
        OrbixWeb.IT REQ CACHE SIZE=10
        OrbixWeb.IT_SECURITY AUTHENTICATE CLIENTS=false
        OrbixWeb.IT_SECURITY_DEFAULT_ENTITY=SEC_ENT_INSECURE_SERVER_INSECURE_CLIENT
        OrbixWeb.IT_SSL_IIOP_LISTEN PORT=0
        OrbixWeb.IT_TRADING_SERVER=TDR
        OrbixWeb.IT_USE_BIDIR_IIOP=false
        OrbixWeb.IT_USE_EXTENDED_CAPABILITIES=true
        OrbixWeb.Orbix=BOA
        OrbixWeb.pingDuringBind=true
        OrbixWeb.setDiagnostics=1
        # These are altered during installation.
       OrbixWeb.IT_LOCAL_DOMAIN=D_O_M_A_I_N
        ~~~TEMPLATE: \netp\profile.user
        # Filename: .profile file for Net P user
This is the default standard profile provided to a user.
       #
ū
       #
                They are expected to edit it to meet their own needs.
ij
fî.
       MAIL=/usr/mail/${LOGNAME:?}
4
≐
       ORACLE BASE="ORACLEOASBASE"
       ORACLE_HOME="O_R_A_C_L_E_O_A_S_B_A_S_E/product/OAS4081"
       NP_HOME="O_R_A_C_L_E_N_P_B_A_S_E"
       export ORACLE_BASE ORACLE_HOME NP_HOME
       PATH="$ORACLE_HOME/bin:/usr/ccs/bin:/usr/sbin:/usr/ucb/bin:$PATH"
       LD_LIBRARY_PATH="$ORACLE_HOME/lib:/usr/dt/lib:/usr/ucblib:/usr/openwin/lib:/usr/
       ccs/lib:/usr/ucb/lib"
        export PATH LD_LIBRARY_PATH
       TNS_ADMIN="$ORACLE_HOME/network/admin"
       ORA_NLS="$ORACLE_HOME/ocommon/nls/admin/data"
       export TNS ADMIN ORA NLS
       ORACLE_SID="O_R_A_C_L_E_S_I_D"; export ORACLE_SID;
       NLS LANG="AMERICAN_AMERICA.WE8ISO8859P1"
       export NLS LANG
       NLS LANGUAGE="AMERICAN"
       export NLS_LANGUAGE
       NLS_DATE_FORMAT="DD-MON-RR"
       export NLS DATE FORMAT
       NLS_NUMERIC_CHARACTERS=".,"
       export NLS_NUMERIC_CHARACTERS
       NLS SORT="binary"
       export NLS_SORT
        . $NP_HOME/config/shprofile
       ~~~TEMPLATE: \netp\S98orb
```

```
#!/bin/ksh
  Copyright 1998 Net Perceptions, Inc. All Rights Reserved.
# Set NP_HOME to the directory where Net Perceptions recommendation engine was installed
export NP_HOME="O_R_A_C_L_E_N_P_B_A_S_E/product/netp"
# Set NP_USER to the user who should own the Net Perceptions recommendation engine
processes
NP_USER="oracle"
export NP_BIN="$NP_HOME/bin"
ECHO=/bin/echo
TEST=/bin/test
SU=/bin/su
case "$1" in
'start')
        if $TEST -x $NP_BIN/orbstartup; then
                $ECHO "Starting Orbix ORB ...\n"
                $SU $NP_USER -c "$ECHO '. $NP_HOME/config/shprofile; $NP_BIN/orbstartup'
| /bin/sh"
        else
                $ECHO "$NP_BIN/orbstartup does not exist, cannot start Orbix ORB"
        fi
'stop')
        if TEST -x NP_BIN/orbshutdown; then
                $SU $NP_USER -c "$ECHO '. $NP_HOME/config/shprofile; $NP_BIN/orbshutdown'
| /bin/sh"
        fi
        ;;
*)
        $ECHO "Usage: $0 { start | stop }"
        ;;
esac
~~~TEMPLATE: \netp\S99netp
#!/bin/ksh
# Copyright 1998 Net Perceptions, Inc. All Rights Reserved.
# Set NP_HOME to the directory where Net Perceptions recommendation engine was installed
export NP_HOME="O_R_A_C_L_E_N_P_B_A_S_E"
# Set NP_USER to the user who should own the Net Perceptions recommendation engine
processes
NP_USER="oracle"
export NP_BIN="$NP_HOME/bin"
ECHO=/bin/echo
```

```
TEST=/bin/test
SU=/bin/su
case "$1" in
'start')
        if $TEST -x $NP_BIN/netpstartup; then
                 $ECHO "Starting Net Perceptions recommendation engine ...\n"
                 $SU $NP_USER -c "$ECHO '. $NP_HOME/config/shprofile; $NP_BIN/netpstartup'
| /bin/sh"
        else
                 $ECHO "$NP_BIN/netpstartup does not exist, cannot start Net Perceptions
recommendation engine"
        ;;
'stop')
        if $TEST -x $NP_BIN/netpshutdown; then
                $SU $NP_USER -c "$ECHO '. $NP HOME/config/shprofile;
$NP_BIN/netpshutdown' | /bin/sh"
        fi
        ;;
*)
        $ECHO "Usage: $0 { start | stop }"
esac
exit 0
~~~TEMPLATE: \netp\shprofile
#!/bin/sh
# Copyright 1998 Net Perceptions, Inc. All Rights Reserved.
# Environment configuration file for sh based shells. Please source
# this file before running any Net Perceptions for E-commerce command.
# Net Perceptions for E-commerce configuration variables not in
# this script should be set using the modify_configuration_variable
# command in netpadmin. See your manual for more details.
if [ -z "$ORACLE_HOME" ] ; then
  ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
  export ORACLE_HOME
if [ -z "$NP HOME" ] ; then
  \label{eq:nphome} \texttt{NP\_HOME=O\_R\_A\_C\_L\_E\_N\_P\_B\_A\_S\_E}
  export NP_HOME
if [ -z "$NP_DBROOT" ] ; then
  NP_DBROOT=$NP HOME/config
  export NP_DBROOT
if [ -z "$NP_ROOT" ] ; then
  NP_ROOT=NamingService:prod
  export NP_ROOT
if [ -z "$NP MODE" ] ; then
```

```
NP MODE=Key
         export NP_MODE
       fi
       if [ -z "$ORBIX_NAMES" ] ; then
         ORBIX_NAMES=$NP_HOME/iona/OrbixNames1.1c
         export ORBIX NAMES
       fi
       if [ -z "$ORBIX_MT" ] ; then
         ORBIX_MT=$NP_HOME/iona/OrbixMT_2.3c
         export ORBIX MT
       # The following variable defines the service name offered by CORBA.
       if [ -z "$NP SERVNAME" ] ; then
         NP_SERVNAME=O_R_A_C_L_E_S_I_D
         export NP_SERVNAME
       # verify some values.
TICT THE C
       if [ -z "$ORACLE_HOME" -o \
            -z "$NP_HOME" -o -z "$NP_DBROOT" -o \
            -z "$ORBIX_NAMES" -o -z "$ORBIX_MT" -o \
            -z "$NP_SERVNAME" ] ; then
           echo "ERROR: Initial Net Perceptions environment variables are not set." >2
           echo "
                        Please edit config/shprofile and set the initial variables and
       rerun script." >2
           return 1
       fi
Ħ
н
       if [ ! -d "$ORACLE_HOME" ]; then
=
           echo "ERROR: Directory specified by ORACLE_HOME environment variable is not
<u>.</u>
       accessible." >2
           echo "
                        Please update config/shprofile and rerun it." >2
           return 1
       fi
       # Set the IONA variable
       IT CONFIG PATH=$NP_HOME/iona
       export IT_CONFIG_PATH
       # Update PATH
       PATH=$PATH:$NP_HOME/bin:$ORACLE_HOME/bin:$NP_HOME/jre/bin
       export PATH
       # Update LD_LIBRARY_PATH
       LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$NP_HOME/lib:$ORACLE_HOME/lib:$NP_HOME/lib/rw:$ORBIX_NAM
       ES/lib:$ORBIX MT/lib
       export LD_LIBRARY_PATH
       # Set the NP_CLASSPATH variable
       NP_CLASSPATH=.:$NP_HOME/iona:$NP_HOME/java/NetPerceptionsN.jar:$NP_HOME/java/NetPerceptio
       nsI.jar:$NP_HOME/java/OrbixWeb_3.0.4.jar:$NP_HOME/examples
       export NP CLASSPATH
```

```
# Set path to web browser,
       # used to display online help from applications like netpmanage
       if [ -z "$NP_BROWSER" ] ; then
         NP_BROWSER=
         export NP_BROWSER
       fi
        ~~~TEMPLATE: \netp\shprofile_p1.sh
       #!/bin/sh
       # Copyright 1998 Net Perceptions, Inc. All Rights Reserved.
       # Environment configuration file for sh based shells. Please source
       # this file before running any Net Perceptions for E-commerce command.
       # Net Perceptions for E-commerce configuration variables not in
       # this script should be set using the modify_configuration_variable
       # command in netpadmin. See your manual for more details.
       if [ -z "$ORACLE HOME" ] ; then
: 🖺
         ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
export ORACLE HOME
       fi
       if [ -z "$NP_HOME" ] ; then
         {\tt NP\_HOME=O\_R\_A\_C\_L\_E\_N\_P\_B\_A\_S\_E}
export NP_HOME
: 🗖
       fi
       if [ -z "$NP_DBROOT" ] ; then
ij
         NP_DBROOT=O_R_A_C_L_E_N_P_B_A_S_E/config
11
         export NP_DBROOT
-1
       if [ -z "$NP_ROOT" ] ; then
÷
         NP_ROOT=NamingService:O_R_A_C_L_E_S_I_D
export NP_ROOT
Ų
       fi
       if [-z "$NP_MODE"]; then
         NP MODE=Key
         export NP_MODE
       fi
       if [ -z "$ORBIX_NAMES" ] ; then
         {\tt ORBIX\_NAMES=O\_R\_A\_C\_L\_E\_N\_P\_B\_A\_S\_E/iona/OrbixNames1.1c}
         export ORBIX NAMES
       fi
       if [ -z "$ORBIX_MT" ] ; then
         ORBIX_MT=O_R_A_C_L_E_N_P_B_A_S_E/iona/OrbixMT_2.3c
         export ORBIX_MT
       # The following variable defines the service name offered by CORBA.
       if [ -z "$NP_SERVNAME" ] ; then
         NP_SERVNAME=O_R_A_C_L_E_S_I_D
         export NP_SERVNAME
       # verify some values.
```

```
if [ -z "$ORACLE_HOME" -o \
     -z "$NP_HOME" -o -z "$NP DBROOT" -o \
     -z "SORBIX_NAMES" -o -z "SORBIX_MT" -o \
     -z "$NP SERVNAME" ] ; then
    echo "ERROR: Initial Net Perceptions environment variables are not set." >2
    echo "
                Please edit config/shprofile and set the initial variables and rerun
script." >2
    return 1
if [ ! -d "$ORACLE HOME" ]; then
    echo "ERROR: Directory specified by ORACLE_HOME environment variable is not
accessible." >2
    echo "
                 Please update config/shprofile and rerun it." >2
    return 1
fi
# Set the IONA variable
IT_CONFIG_PATH=$NP_HOME/iona
export IT_CONFIG_PATH
# Update PATH
PATH=$PATH:$NP_HOME/bin:$ORACLE_HOME/bin:$NP_HOME/jre/bin
export PATH
# Update LD_LIBRARY_PATH
LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$NP_HOME/lib:$ORACLE_HOME/lib:$NP_HOME/lib/rw:$ORBIX_NAM
ES/lib: $ORBIX MT/lib
export LD_LIBRARY_PATH
# Set the NP CLASSPATH variable
NP_CLASSPATH=.: $NP_HOME/iona: $NP_HOME/java/NetPerceptionsN.jar: $NP_HOME/java/NetPerceptio
nsI.jar:$NP_HOME/java/OrbixWeb_3.0.4.jar:$NP_HOME/examples
export NP_CLASSPATH
# Set path to web browser,
# used to display online help from applications like netpmanage
if [ -z "$NP BROWSER" ] ; then
 NP_BROWSER=/opt/netscape/netscape
 export NP_BROWSER
~~~TEMPLATE: \netp\startNETP
#!/bin/ksh
# Starts all the processes for the NetPerceptions including ORB.
# Set the netperceptions environment.
. O_R_A_C_L_E_N_P_B_A_S_E/config/shprofile
export NP_BIN=$NP_HOME/bin
echo "Starting ORB... "
$NP BIN/orbstartup
echo "Starting ORB... Done."
echo "Starting Net Perceptions Recommendation Engine ... "
$NP_BIN/netpstartup
echo "Starting Net Perceptions Recommendation Engine... Done."
```

```
$NP_BIN/chmodit O R A C L E S I D i+I C S
        $NP_BIN/chmodit O_R_A_C_L_E_S_I_D 1+I_C_S
        $NP_BIN/chmodit O_R_A_C_L_E_S_I_D i+O_R_A_C_L_E_U_S_E_R
        $NP_BIN/chmodit O_R_A_C_L_E_S_I_D 1+O_R_A_C_L_E_U_S_E_R
        $NP_BIN/chmodit O R A C L E S I D i+NS
        $NP_BIN/chmodit O_R_A_C_L_E_S_I_D 1+NS
        $NP_BIN/chmodit O_R_A_C_L_E_S_I_D i+ALL
        $NP_BIN/chmodit O_R_A_C_L_E_S_I_D 1+ALL
        exit 0
        ~~~TEMPLATE: \netp\stopNETP
        #!/bin/ksh
        # Starts all the processes for the NetPerceptions including ORB.
        # Set the netperceptions environment.
        . O_R_A_C_L_E_N_P_B_A_S_E/config/shprofile
        export NP BIN=$NP HOME/bin
        echo "Stopping Net Perceptions Recommendation Engine..."
        $NP_BIN/netpshutdown
        echo "Stopping Net Perceptions Recommendation Engine... Done."
        echo "Stopping ORB... "
        $NP_BIN/orbshutdown
        echo "Stopping ORB... Done."
~~~TEMPLATE: \netp\update_netp.sql
        -- Filename:
                            update_netp.sql
        -- Description:
                         This file performs the necessary updates to the netp schema
                            to allow netp to work properly in a cloned database.
        -- Usage:
                            This file is called in the cloning process after the
                            proper values are substituted.
Ţ
::
        insert into D_B_U_S_E_R_N_E_T_P.T_GLROOT
-
         values ('O_RA_CLEN_PBA_SE/config',1,'Id','4.0.50.3');
=
J
       update D_B_U_S_E_R_N_E_T_P.t gldatabase
          set rootname = 'O_R_A_C_L_E_N_P_B_A_S_E/config';
delete from D_B_U_S_E_R_N_E_T_P.T_GLROOT
         where name = 'O_L_D_O_R_A_C_L_E_N_P_B_A_S_E/config';
       update D_B_U_S_E_R_N_E_T_P.T_GLDBSIG
          set src = 'O_R_A_C_L_E_S_I_D';
        exit;
```

```
~DIRECTORY: templates\oracle\
~~~TEMPLATE: \oracle\configDB.ora
# $Header: cnfg.orc 1.1 95/02/27 12:14:25 wyim Osd<unix> $ Copyr (c) 1992 Oracle
# cnfg.ora - instance configuration parameters
control_files
                         = (D_B_D_A_T_A_D_I_R/ctl10_R_A_C_L_E_S_I_D.ctl,
                            \label{eq:defD_B_D_A_T_A_D_I_R/ctl20_R_A_C_L_E_S_I_D.ctl)} D\_B\_D\_A\_T\_A\_D\_I\_R/ctl20\_R\_A\_C\_L\_E\_S\_I\_D.ctl)
# Below for possible future use...
#init_sql files
                          = (?/dbs/sql.bsq,
                             ?/rdbms/admin/catalog.sql,
                             ?/rdbms/admin/expvew.sql)
background_dump_dest
                         = O_R_A_C_L_E_B_A_S_E/admin/O_R_A_C_L_E_S_I_D/bdump
                                   = O_R_A_C_L_E_B_A_S_E/admin/O_R_A_C_L_E_S_I_D/cdump
core_dump_dest
user_dump_dest
                                   = O_R_A_C_L_E_B_A_S_E/admin/O_R_A_C_L_E_S_I_D/udump
#log_archive_dest
                            = O_R_A_C_L_E_B_A_S_E/admin/O_R_A_C_L_E_S_I_D/arch/arch.log
db_block_size
                                   = 8192
db_name
                         = O_R_A_C_L_E_S_I_D
~~~TEMPLATE: \oracle\crctrl.sql
CONNECT INTERNAL
SET ECHO ON
STARTUP NOMOUNT
pfile=O_R_A_C_L_E_B_A_S_E/admin/O_R_A_C_L_E_S_I_D/pfile/initO_R_A_C_L_E_S_I_D.ora
CREATE CONTROLFILE DATABASE "O_R_A_C_L_E_S_I_D" RESETLOGS NOARCHIVELOG
    SET DATABASE O_R_A_C_L_E_S_I_D
    MAXLOGFILES 32
    MAXLOGMEMBERS 2
    MAXDATAFILES 30
    MAXINSTANCES 8
    MAXLOGHISTORY 843
LOGFILE
  GROUP 1 ('D_B_D_A_T_A_D_I_R/rdollO_R_A_C_L_E_S_I_D.dbf'
            'D_B_D_A_T_A_D_I_R/rdo120_R_A_C_L_E_S_I_D.dbf') SIZE 20M,
  GROUP 2 ('D_B_D_A_T_A_D_I_R/rdol30_R_A_C_L_E_S_I_D.dbf'
            'D_B_D_A_T_A_D_I_R/rdo210_R_A_C_L E S I D.dbf') SIZE 20M,
  GROUP 3 ('D_B_D_A_T_A_D_I_R/rdo22O_R_A_C_L_E_S_I_D.dbf'
            'D_B_D_A_T_A_D_I_R/rdo230_R_A_C_L_E_S I D.dbf') SIZE 20M
DATAFILE
  'D_B_D_A_T_A_D_I_R/ctxdO_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/ispeedO_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/np010_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/npidx010_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/nptmp010_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/rbsO_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/strd010_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/sysO_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/tmpO_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/toolsO_R_A_C_L_E_S_I_D.dbf',
  'D_B_D_A_T_A_D_I_R/vg010_R A C L E S I D.dbf'
# Database can now be opened normally.
ALTER DATABASE OPEN RESETLOGS;
alter user vignette identified by vignette;
SHUTDOWN NORMAL:
EXIT;
```

```
~~~TEMPLATE: \oracle\initDB.ora
# $Header: initx.orc 12-jun-97.09:14:56 hpiao Exp $ Copyr (c) 1992 Oracle
# include database configuration parameters
O_R_A_C_L_E_B_A_S_E/admin/O_R_A_C_L_E_S_I_D/pfile/configO_R_A_C_L_E_S_I_D.ora
rollback_segments
                         = (rb01, rb02, rb03, rb04)
# Example INIT.ORA file
# This file is provided by Oracle Corporation to help you customize
# your RDBMS installation for your site. Important system parameters
# are discussed, and example settings given.
# Some parameter settings are generic to any size installation.
# For parameters that require different values in different size
# installations, three scenarios have been provided: SMALL, MEDIUM
# and LARGE. Any parameter that needs to be tuned according to
# installation size will have three settings, each one commented
# according to installation size.
# Use the following table to approximate the SGA size needed for the
# three scenarious provided in this file:
#
                    -----Installation/Database Size-----
                     SMALL
                                  MEDIUM
                                                   LARGE
# Block
                2K
                     4500K
                                     6800K
                                                    17000K
# Size
                4 K
                     5500K
                                     8800K
                                                    21000K
#
# To set up a database that multiple instances will be using, place
# all instance-specific parameters in one file, and then have all
# of these files point to a master file using the IFILE command.
# This way, when you change a public
# parameter, it will automatically change on all instances. This is
# necessary, since all instances must run with the same value for many
# parameters. For example, if you choose to use private rollback segments,
# these must be specified in different files, but since all gc_*
# parameters must be the same on all instances, they should be in one file.
# INSTRUCTIONS: Edit this file and the other INIT files it calls for
# your site, either by using the values provided here or by providing
# your own. Then place an IFILE= line into each instance-specific
# INIT file that points at this file.
# tuning parameters
db_files = 80
# db_file_multiblock_read_count = 8
                                                                   # SMALL
# db_file_multiblock_read_count = 16
                                                                 # MEDIUM
db_file_multiblock_read_count = 32
                                                               # LARGE
# db_block buffers = 200
                                                                   # SMALL
# db_block_buffers = 550
                                                                 # MEDIUM
```

```
# db_block_buffers = 3200
                                                                       # LARGE
db_block_buffers = 5000
                                                                      # istore
# shared_pool_size = 3500000
                                                                          # SMALL
# shared pool size = 6000000
                                                                       # MEDIUM
# shared_pool_size = 9000000
                                                                       # LARGE
shared_pool_size = 12000000
                                                                       # ICS
log_checkpoint_interval = 10000
# processes = 50
                                                                          # SMALL
# processes = 100
                                                                       # MEDIUM
processes = 200
                                                                     # LARGE
# dml_locks = 100
                                                                         # SMALL
# dml_locks = 200
                                                                       # MEDIUM
dml_locks = 500
                                                                     # LARGE
# log_buffer = 8192
                                                                          # SMALL
# log_buffer = 32768
                                                                       # MEDIUM
log_buffer = 163840
                                                                     # LARGE
sequence_cache_entries = 10
                                                                       # SMALL
# sequence_cache_entries = 30
                                                                       # MEDIUM
# sequence_cache_entries = 100
                                                                       # LARGE
sequence_cache_hash_buckets = 10
                                                                       # SMALL
# sequence_cache_hash_buckets = 23
                                                                       # MEDIUM
# sequence_cache hash buckets = 89
                                                                       # LARGE
# audit_trail = true
                                # if you want auditing
# timed_statistics = true
                                # if you want timed statistics
max_dump_file_size = 10240
                                # limit trace file size to 5 Meg each
# log_archive_start = true
                                # if you want automatic archiving
# global_names = TRUE
global_names = FALSE
# mts dispatchers="ipc,1"
# mts_max_dispatchers=10
# mts_servers=1
# mts_max_servers=10
# mts_service=O_R_A_C_L_E_S_I_D
# mts_listener_address="(ADDRESS=(PROTOCOL=ipc)(KEY=PNPKEY))"
# needed if running OPS
# PARALLEL_SERVER=TRUE
# For context cartridge.
TEXT_ENABLE=TRUE
# istore related.
open cursors=500
~~~TEMPLATE: \oracle\listener.ora
O_R_A_C_L_E_S_I_D =
```

```
(ADDRESS_LIST =
        (ADDRESS= (PROTOCOL= IPC) (KEY= O_R_A_C_L_E_S_I_D))
        (ADDRESS= (PROTOCOL= TCP) (Host= h_o_s_t_n_a_m_e) (Port= T_N_S_P_O_R_T))
SID_LIST_O_R_A_C_L_E_S_I_D =
  (SID_LIST =
    (SID_DESC =
      (ORACLE_HOME= O_R_A_C_L_E_H_O_M_E)
      (SID_NAME = O_R_A_C_L_E_S_I_D)
    (SID_DESC =
      (SID_NAME = extproc)
      (ORACLE_HOME = O_R_A_C_L_E_H_O_M_E)
      (PROGRAM = extproc)
    )
  )
~~~TEMPLATE: \oracle\profile
ORACLE_BASE=O_R_A_C_L_E_B_A_S_E; export ORACLE BASE
ORACLE_HOME=O_R_A_C_L_E_H_O_M_E; export ORACLE HOME
ORACLE_SID=O_R_A_C_L_E_S_I_D; export ORACLE_SID
THREADS_FLAG=native; export THREADS_FLAG
ORAORB_SITE=website40;export ORAORB_SITE
LD_LIBRARY_PATH=$ORACLE_HOME/lib:/usr/dt/lib:/usr/openwin/lib:$ORACLE_HOME/jdbc/lib;
export LD_LIBRARY_PATH
ORACLE_TERM=xsun5; export ORACLE_TERM
NLS_LANG=AMERICAN_AMERICA.US7ASCII; export NLS_LANG
PATH=$ORACLE_HOME/bin:/bin:/usr/bin:/usr/ccs/bin:/usr/local/bin:/opt/bin:$PATH
TMPDIR=/tmp;export TMPDIR
CLASSPATH=$ORACLE_HOME/jdbc/lib/classes111.zip;export CLASSPATH
# Get the Netperceptions environment
#. $ORACLE_BASE/product/netp/config/shprofile
PATH=$PATH: $ORACLE_BASE/product/netp/bin
umask 022
~~~TEMPLATE: \oracle\startCTX
#!/bin/sh
# Start the context server services.
LOGFILE=/tmp/ctx${ORACLE_SID}Q$$.log
ctxsrv -user ctxsys/ctxsys -logfile "${LOGFILE}" -personality Q &
ctxsrv -user ctxsys/ctxsys -logfile "${LOGFILE}" -personality M &
ctxsrv -user ctxsys/ctxsys -logfile "${LOGFILE}" -personality D &
exit
~~~TEMPLATE: \oracle\startDB
#!/bin/sh
# Starts the ispeed database instance.
ORACLE_SID="O_R_A_C_L_E_S_I_D"
ORAENV ASK="NO"
echo "Starting the \"${ORACLE_SID}\" instance.."
. oraenv
```

```
svrmgrl << EOF
        connect internal
        startup pfile=O_R_A_C_L_E_H_O_M_E/dbs/initO_R_A_C_L_E_S_I_D.ora
        EOF
        if test \ensuremath{\$?} -eq 0 ; then
            echo ""
            echo "Database \"${ORACLE_SID}\" warm started."
        else
            echo ""
            echo "Database \"${ORACLE_SID}\" NOT started."
        fi
        exit
        ~~~TEMPLATE: \oracle\startNET
        #!/bin/sh
        # Start the network services for ORACLE
        lsnrctl start O_R_A_C_L_E_S_I_D
       exit
        ~~~TEMPLATE: \oracle\stopCTX
#!/bin/sh
        # Stop the context servers.
       ctxctl <<EOF
       stop all
       exit
       EOF
        ~~~TEMPLATE: \oracle\stopDB
        #!/bin/sh
       # Stops the ispeed database instance (using immediate option).
ij
11
       ORACLE_SID="O_R_A_C_L_E_S_I_D"
=
       ORAENV ASK="NO"
       echo "Shutting the \"${ORACLE SID}\" instance.."
==
        . oraenv
svrmgrl << EOF
       connect internal
       shutdown immediate
       exit
       EOF
       if test $? -eq 0 ; then
           echo ""
           echo "Database \"${ORACLE_SID}\" shutdown comple."
           echo ""
           echo "Database \"${ORACLE_SID}\" shutdown FAILED."
       fi
       exit
        ~~~TEMPLATE: \oracle\stopNET
       #!/bin/sh
       # Stop the network services for ORACLE
       lsnrctl stop O_R_A_C_L_E_S_I_D
       ~~~TEMPLATE: \oracle\tnsnames.ora
       # Installation Generated Net8 Configuration
       # Version Date: Oct-27-97
```

```
# Filename: Tnsnames.ora
extproc_connection_data =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = IPC) (KEY = O_R_A_C_L_E_S_I_D))
    (CONNECT_DATA = (SID = extproc))
O_R_A_C_L_E_S_I_D =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL= TCP) (Host= h_o_s_t_n_a_m_e.d_o_m_a_i_n) (Port= T_N_S_P_O_R_T))
    (CONNECT_DATA = (SID = O_R_A_C_L_E_S_I_D))
O_R_A_C_L_E_S_I_D_BEQ =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = BEQ) (PROGRAM = O_R_A_C_L_E_H_O_M_E)
                (argv0 = oracleO_R_A_C_L_E_S_I_D)
(args = '(DESCRIPTION = (LOCAL=YES) (ADDRESS=(PROTOCOL=BEQ)))')
                (envs = 'ORACLE_HOME=${O_R_A_C_L_E_H_O_M_E},ORACLE_SID=O_R_A_C_L_E_S_I_D')
    )
  )
```

```
~DIRECTORY: templates\vignette\
~~~TEMPLATE: \vignette\admin
#!/bin/sh
export ORACLE HOME RCNAME PKGINST
ORACLE_HOME=O R A C L E H O M E
PKGINST="-R / VGNStSrv"
RCNAME=StoryServer4
ADMIN_FILE=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris/ssde
CONFIG_PATH=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C H E B
_A_S_E01-1
echo "Copyright (c) 1996-1998 by Vignette Corporation. All Rights Reserved."
if [ $# -lt 1 ] ; then
  echo "
  Usage: $0
          (reset | start | status | stop | verify | updatepe | update_pmcfg)
  exit 1
fi
# Assume it fails
RESULTS=1
if [ -f $ADMIN_FILE -a -x $ADMIN_FILE ] ; then
  # Invoke the script with the config info (-c) and the action (-a)
  $ADMIN_FILE -c $CONFIG_PATH -a $1 -L
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/lib/solaris
  RESULTS=$?
fi
exit $RESULTS
~~~TEMPLATE: \vignette\delivery.tcl
set _CacheManagers(all) {}
set _CacheManagers(live) {}
set _CacheManagers(development) {}
set _CacheManagers(all) [concat $_CacheManagers(all)
"H_O_S_T_N_A_M_E.D_O_M_A_I_N:A_P_A_C_H_E_B_A_S_E06"] ;#
\label{eq:h_os_t_n_a_m_e-a_p_a_c_h_e_b_a_s_e01-1} \\ \text{H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1}
    _CacheManagers(development) [concat $_CacheManagers(development)
"H_O_S_T_N_A_M_E.D_O_M_A_I_N:A_P_A_C_H_E_B_A_S_E06"] ;#
{\tt H\_O\_S\_T\_N\_A\_M\_E-A\_P\_A\_C\_H\_E\_B\_A\_S\_E01-1}
~~~TEMPLATE: \vignette\pm.cfg
## INSTALLATION IDENTIFICATION
set SITE INSTALL HOST
                          H_O_S_T_N_A_M_E
set SITE INSTALL PATH
                           O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2
set SITE INSTALL NAME
                           {\tt H\_O\_S\_T\_N\_A\_M\_E:O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2}
set BIN_DIRECTORY
                      O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris
set SS_VERSION
                              4.2
## CONTENT MANAGEMENT SERVER SETTINGS
                          {\tt H\_O\_S\_T\_N\_A\_M\_E.D\_O\_M\_A\_I\_N}
set PM HOST
set PM_PORT
                           A_P_A_C_H_E_B_A_S_E10
# Controls the behavior of Content Management Server's error logging
# Level 1 & 2 errors (major) go to syslog (/var/adm/StoryServer.*) and to the log file.
# Level 3 & 4 errors (warnings & info) go only to the log file.
set PM LOG FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/Production/pm.log
```

```
set PM_LOG LEVEL
set MAX_LOG_SIZE
                           500000
# This controls how big histories for projects and content
# can be. Remember, if you change this, you have to restart
# the production engine.
set MAX_HISTORY_SIZE
# Controls behavior of TED's error logging
# Level 1 & 2 errors go to syslog, level 3 & 4 errors go to the log file
set TED LOG FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/Production/ted.log
set TED_LOG_LEVEL
# When TED spawns subprocesses to run program tasks, it waits this many secs
# between subprocess status checks
set TED_SUBPROCESS_POLL_INTERVAL 5
# TED runs program task subprocesses as this user
set TED_SUBPROCESS_USERNAME
                                 nobody
# This is where TED expects the program task executables to be; it actually
# prepends this path to argv[0] of the program task's invocation pattern
set TED_TASK_BIN_DIR
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/taskbin/solaris
# Controls behavior of VHS's error logging
# Level 1 & 2 errors go to syslog, level 3 & 4 errors go to the log file
set VHS LOG FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/Production/vhs.log
set VHS_LOG_LEVEL
# Size of VHS's process pool.
                               Must be at least two.
set VHS_POOL SIZE
# VHS's prototype doctree root, where it builds, incrementally, a prototype
# static content doc tree that mirrors the target webserver(s) static content
# doc tree(s)
set VHS_PROTO_DOCROOT
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/Production/VhsProtoDocRoot
# VHS's template zip file root where the zip files and their revisions
# for Visual Templates are stored
set VHS_TEMPLATE_ZIP DIR
{\tt O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/conf/Production/VgnTemplateZipFiles}
## DATABASE SERVER SETTINGS
set TEXTSIZE
                  131072
set ORACLE HOME
                           O_R_A C_L_E H O M E
set ORACLE_VERSION Oracle8
set DB_CLIENT
                        dbconnect
set vdbmsg(rwdblib) librwora_mt.so
set SYSTEM DB TYPE
                        Oracle
set SYSTEM DB SERVER
                        O_R_A_C_L_E_S_I_D
set SYSTEM_DB_DATABASE
```

```
O_R_A_C_L_E S I D
set SYSTEM_DB_SID
set SYSTEM_DB_USERNAME vignette
set SYSTEM_DB_PASSWORD 2z:u8I0jM6WRHAYP
set SYSTEM DB PASSWORD ENCRYPTED yes
set SYSTEM_DB_RWDBLIB
                           librwora mt.so
set SYS_DBENV
                           O_R_A_C_L_E_H_O_M_E
set SYS DBPATH
                           O_R_A_C_L_E_H_O_M_E
set SYS_DBSCHEXT
                     ora
set VHS_PORT
                          V_H_S_P_O_R_T
~~~TEMPLATE: \vignette\Prod_admin
#!/bin/sh
export LD_LIBRARY_PATH ORACLE HOME PKGINST
{\tt LD\_LIBRARY\_PATH=O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/lib/solaris}
ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
PKGINST="-R / VGNStSrv"
RCNAME=StoryServer3
ADMIN_FILE=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris/sspm
if [ $# -lt 1 ] ; then
  echo "
  Usage: $0 (start | status | stop)
  exit 0
fi
# Assume it fails
RESULTS=1
if [ -f $ADMIN_FILE -a -x $ADMIN_FILE ] ; then
  # Invoke the script with the config info (-c) and the action (-a)
  $ADMIN FILE $1
 RESULTS=$?
fi
exit $RESULTS
~~~TEMPLATE: \vignette\S97StoryServer4
#!/bin/sh
export ORACLE_HOME RCNAME PKGINST
ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
PKGINST="-R / VGNStSrv"
RCNAME=StoryServer4
{\tt ADMIN\_FILE=O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/bin/solaris/ssde}
CONFIG_PATH=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B
_A_S_E01-1
echo "Copyright (c) 1996-1998 by Vignette Corporation. All Rights Reserved."
if [ $# -lt 1 ] ; then
 echo "
 Usage: $0
         (reset | start | status | stop | verify | updatepe | update_pmcfg)
 11
 exit 1
fi
```

```
# Assume it fails
RESULTS=1
if [ -f $ADMIN_FILE -a -x $ADMIN_FILE ] ; then
  # Invoke the script with the config info (-c) and the action (-a)
  $ADMIN FILE -c $CONFIG PATH -a $1 -L
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/lib/solaris
  RESULTS=$?
fi
exit $RESULTS
~~~TEMPLATE: \vignette\S97StoryServer5
#!/bin/sh
export ORACLE_HOME RCNAME PKGINST
ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
PKGINST="-R / VGNStSrv"
RCNAME=StoryServer5
{\tt ADMIN\_FILE=O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/bin/solaris/ssde}
CONFIG_PATH=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B
_A_S_E01-1
echo "Copyright (c) 1996-1998 by Vignette Corporation. All Rights Reserved."
if [ $# -lt 1 ] ; then
  echo "
  Usage: $0
         (reset | start | status | stop | verify | updatepe | update_pmcfg)
  exit 1
fi
# Assume it fails
RESULTS=1
if [ -f $ADMIN_FILE -a -x $ADMIN_FILE ] ; then
  # Invoke the script with the config info (-c) and the action (-a)
  $ADMIN_FILE -c $CONFIG_PATH -a $1 -L
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/lib/solaris
  RESULTS=$?
fi
exit $RESULTS
~~~TEMPLATE: \vignette\startCASVIGN
#!/bin/sh
#Filename: startCASVIGN
export ORACLE HOME RCNAME PKGINST
ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
PKGINST="-R / VGNStSrv"
RCNAME=StoryServer4
ADMIN_FILE=O_R A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris/ssde
CONFIG_PATH=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B
_A_S_E01-1
# Assume it fails
RESULTS=1
echo "Starting vignette CAS..."
if [ -f $ADMIN FILE -a -x $ADMIN FILE ] ; then
  # Invoke the script with the config info (-c) and the action (-a)
```

```
$ADMIN FILE -c $CONFIG PATH -a start -L
{\tt O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/lib/solaris}
  RESULTS=$?
fi
echo "Starting vignette CAS... Done."
exit $RESULTS
~~~TEMPLATE: \vignette\startCMSVIGN
#!/bin/sh
#filename: startCMSVIGN
export LD_LIBRARY_PATH ORACLE_HOME PKGINST
\label{ld_library_path=0_r_a_c_l_e_v_g_n_b_a_s_e/storyServer/R4.2/lib/solaris} LD\_LIBRARY\_PATH=0\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/lib/solaris
ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
PKGINST="-R / VGNStSrv"
RCNAME=StoryServer1
ADMIN_FILE=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris/sspm
# Assume it fails
RESULTS=1
echo "Starting vignette CMS ..."
if [ -f $ADMIN_FILE -a -x $ADMIN_FILE ] ; then
  # Invoke the script with the config info (-c) and the action (-a)
  $ADMIN_FILE start
  RESULTS=$?
echo "Starting vignette CMS ... Done."
exit $RESULTS
~~~TEMPLATE: \vignette\startVignette
#!/bin/ksh
# Filename: startVignette
{\tt O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/bin/solaris/startCMSVIGN}
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris/startCASVIGN
exit
~~~TEMPLATE: \vignette\stopCASVIGN
#!/bin/sh
# Filename: stopCASVIGN
export ORACLE_HOME RCNAME PKGINST
ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
PKGINST="-R / VGNStSrv"
RCNAME=StoryServer4
{\tt ADMIN\_FILE=O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/bin/solaris/ssde}
CONFIG_PATH=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B
_A_S_E01-1
# Assume it fails
RESULTS=1
echo "Stopping vignette CAS..."
if [ -f $ADMIN_FILE -a -x $ADMIN_FILE ] ; then
  # Invoke the script with the config info (-c) and the action (-a)
  $ADMIN_FILE -c $CONFIG_PATH -a stop -L
{\tt O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/StoryServer/R4.2/lib/solaris}
```

```
RESULTS=$?
fi
echo "Stopping vignette CAS... Done."
exit $RESULTS
~~~TEMPLATE: \vignette\stopCMSVIGN
#!/bin/sh
# Filename:
              stopCMSVIGN
export LD_LIBRARY_PATH ORACLE_HOME PKGINST
LD_LIBRARY_PATH=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/lib/solaris
ORACLE_HOME=O_R_A_C_L_E_H_O_M_E
PKGINST="-R / VGNStSrv"
RCNAME=StoryServer1
ADMIN_FILE=O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris/sspm
# Assume it fails
RESULTS=1
echo "Stopping the vignette CMS ..."
if [ -f $ADMIN_FILE -a -x $ADMIN_FILE ] ; then
  # Invoke the script with the config info (-c) and the action (-a)
  $ADMIN FILE stop
 RESULTS=$?
fi
echo "Stopping the vignette CMS ... Done."
exit $RESULTS
~~~TEMPLATE: \vignette\stopVignette
#!/bin/ksh
# FIlename:
              stopVignette
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris/stopCASVIGN
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/bin/solaris/stopCMSVIGN
exit
~~~TEMPLATE: \vignette\StoryServer.cfg
# Configuration created on Fri Jul 16 12:51:52 EDT 1999
# Filename: StoryServer.cfg
## CONFIGURATION IDENTIFICATION
set INSTALL_NAME
                        H_O_S_T_N_A_M_E:O_R_A_C_L_E_V_G_N_B A S E/StoryServer/R4.2
set CONFIG NAME
                        H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1
set CONFIG TYPE
                        Development
## CACHE MANAGER SETTINGS
# How to flush the document cache (valid values: RENAME or DELETE)
set CMD ACTION
                        RENAME
# Cache Manager hostname
set CMD_HOST
                        H_O_S_T_N_A_M_E.D_O_M_A_I_N
# Cache Manager port
set CMD PORT
                        A_P_A_C_H_E_B_A_S_E06
# Size of Cache Manager Thread pool. Must be at least two.
```

```
set CMD_POOL_SIZE
# Seconds allowed for other daemons to tell the Cache Manager what to do
set CMD TIMEOUT
# The user the Cache Manager runs as (normally, matches owner of the
# docroot; must have read, write and execute permissions on the docroot to
# create directories and to rename or delete cached files)
set CMD_WHOAMI
                        nobody
# Controls whether the cache manager treats template paths that end in
# a legal mime type extension, as files or directories. The default is to
# treat all template paths as directories unless they end in '.html'
set CMD_MIMETYPE_EXT
# Controls behavior of cmd error logging
# Level 1 & 2 errors go to syslog, level 3 & 4 errors go to the log file
set CMD_LOG_FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/c
md.log
set CMD_LOG_LEVEL
## PAGE GENERATOR SETTINGS
# Whether to allow [ ] in data posted to a template; should be disabled
# to avoid a security risk.
# no removes [ ]; yes allows them
set CTLD_ALLOW_BRACES
# Seconds allowed for template evaluation
set CTLD_EVAL_TIMEOUT
                        20
# Page Generator hostname
set CTLD_HOST
                        H_O_S_T_N_A_M_E.D_O M_A I N
# Size of page generator process pool. Must be at least two.
set CTLD POOL SIZE
# Controls behavior of ctld error logging
# Level 1 & 2 errors go to syslog, level 3 & 4 errors go to the log file
set CTLD_INFO_FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/c
tldinfo.log
set CTLD LOG LEVEL
# File used by the StoryServer Tcl LOG command.
# Because there will be multiple page generators in the slave pool,
# a process pool sequence number is automatically appended to file name.
# This sequence number has a minimum value of 1 and the maximum value is
# equal to the value of the CTLD_POOL_SIZE variable (defaults to 8) in this file.
set CTLD LOG FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/c
tld.log
# Page Generator port
set CTLD_PORT
                        A_P_A_C_H_E_B_A_S_E07
# The user the Page Generator runs as; only writes in the
```

```
# Locale specification. If set to 1, the page generator will heed the browser's
        # locale setting. If set to 0 (the default), the page generator ignores the
        # browser's locale and uses the locale set by CTLD_DEFAULT_LOCALE.
        set CTLD_USE_LOCALE
        # Default locale specification. Use this locale as the StoryServer's default locale
        # if CTLD_USE_LOCALE is 0. If CTLD_USE_LOCALE is 1, then the web browser's specified
        # language is used if it exists on the StoryServer system. If the locale does not
        # exist, then use this as the default.
        set CTLD_DEFAULT_LOCALE "en"
        # The prefix used by the COMPONENT tcl command. This setting must match
        # the ccPrefix variable in the obj.conf file (nsapi only).
        set COMPONENT PREFIX
                                /component
        # The ServerSideFunction prefix
        set SSF_PREFIX
                                   /ServerSideFunction
        ## TEMPLATE MANAGER SETTINGS
# Template Manager hostname
        set TMD_HOST
                                {\tt H\_O\_S\_T\_N\_A\_M\_E.D\_O\_M\_A\_I\_N}
        # Template Manager port
        set TMD_PORT
                                A_P_A_C_H_E_B A S E05
        # If greater than zero, seconds between automatic refreshes of template cache.
ij
        set TMD SLEEP
                                 -1
11
        # The user the Template Manager runs as; only writes in the
. <del>|</del> ==
        # H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01 directory
=
        set TMD_WHOAMI
                                nobody
        # Whether to make private templates available in this configuration.
        # 0 keeps private templates hidden; 1 makes them available
        set TMD XRAY
        # Controls behavior of tmd error/debug logging
        # Level 1 & 2 errors go to syslog, level 3 & 4 errors go to the log file
        set TMD LOG FILE
        O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/t
        md.log
        set TMD_LOG_LEVEL
        ## PLACEMENT MANAGER SETTINGS
        # Placement Manager hostname
        set PAD_HOST
                                H_O_S_T_N A M E.D O M A I N
        # Placement Manager port
        set PAD_PORT
                                A_P_A_C_H_E_B_A_S_E09
```

H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01 directory

nobody

set CTLD_WHOAMI

create directories and to rename or delete cached files)

The user the Placement Manager runs as (normally, matches owner of the # docroot; must have read, write and execute permissions on the docroot to

```
set PAD_WHOAMI
                        nobody
# Controls the behavior of pad error logging
# Level 1 & 2 errors go to syslog, level 3 & 4 errors go to the log file
set PAD LOG FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/p
ad.log
set PAD_LOG_LEVEL
# PAD uses this subdir to store it's work files
set PAD WORK DIR
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/P
adWorkDir
# PAD uses this subdir as the archival repository
set PAD ARCHIVE DIR
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/P
adArchiveDir
# Size of Placement Manager's process pool. Must be at least two.
set PAD POOL SIZE
## OBSERVATION MANAGER SETTINGS
# Determines whether or not an Observation Manager (OM)
# daemon is run with this Application Server.
# 0 This Application Server does not perform StoryServer Personalization
# 1 This Application Server has an Observation Manager (OM)
# 2 This Application Server uses an Observation Manager (OM) on another Content
Application Server
set PZND_RUN_DAEMON 0
# Observation Manager (OM) hostname
set PZND HOST
# Personalization Placement Manager port
set PZND PORT
# The user the Personalization Observation Manager runs as
set PZND WHOAMI
                        nobody
# Controls the behavior of PZND error logging
# Level 1 & 2 errors go to syslog, level 3 & 4 errors go to the log file
set PZND LOG FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/p
znd.log
set PZND_LOG_LEVEL
# The frequency at which pznd flushes the PROFILE_MARK queue to the db (seconds)
set PZND_UPDATE FREQ
# The maximum allowed size of the PROFILE_MARK queue in the plugin and pznd.
set PZN_PMARK_QUEUE MAX
                                        5000
# The maximum size of the pznd visitor cache
set PZND_CACHE SIZE
# The cache expiration period of visitor records in pznd (seconds). The actual time
# visitor records remain cached is between N and N times 2.
```

```
set PZND CACHE DURATION
                                     300
# The column names in vgn_ur the pznd will read and serve to the httpd plugin
# for personalization purposes.
set PZND_VR_COLUMNS "userid, lname, fname, email, city, state, zip, country"
# The size of the thread pool for the Observation Manager
set PZND_THREAD_POOL_SIZE
## GroupLens Integration
set GL HOST
set GL_PORT
## SYSTEM DATABASE SETTINGS
set STORYSERVER_PMCFG
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/Production/pm.cfg
source $STORYSERVER_PMCFG
## CONTENT DATABASE SETTINGS
set ORACLE_HOME
                        O_R_A_C_L_E_H_O_M_E
set DB_CLIENT
                      dbconnect
set vdbmsg(rwdblib) librwora_mt.so
set CONTENT_DB_TYPE
                      Oracle
set CONTENT_DB_SERVER
                      O_R_A_C_L_E_S_I_D
set CONTENT_DB_DATABASE ""
set CONTENT_DB_SID
                    O_R_A_C_L_E_S_I_D
set CONTENT_DB_USERNAME vignette
set CONTENT_DB_PASSWORD 20Oux0GnkUlSWbbK
set vdbmsg(password_encrypted)
set CONTENT_DB_RWDBLIB librwora_mt.so
## WEB SERVER SETTINGS
set DOCROOT
                      \label{eq:constraints} O\_R\_A\_C\_L\_E\_V\_G\_N\_B\_A\_S\_E/cas\text{-}docs
set METAFILE CACHE
afiles
set HTTPD CFG FILE
                      httpd.conf
set HTTPD CFG PATH
                      O\_R\_A\_C\_L\_E\_A\_P\_B\_A\_S\_E/apache\_1.3.3/conf
set HTTPD CFG TYPE
                      Apache
set HTTPD_HOST
                      H_O_S_T_N_A_M_E.D_O_M_A_I_N
set HTTPD_PORT
                      P_O_R_T_A_P_A_C_H_E
set HTTPD TYPE
                      Apache
set HTTPD COMPONENTSCAN
# Front Door Curl Setting
#set HTTPD_FDCURL "your frontdoor"
# Plugin log file
set HTTPD PLUGIN LOG FILE
lugin.log
```

```
# Plugin log level.
set HTTPD_PLUGIN_LOG_LEVEL
# Controls whether plugin generated log files have the pid appended to the file name.
# Set to 1 for Netscape, 2 and Apache 1.2, and set to 0 for others.
set HTTPD LOG BY PID
# PERSONALIZATION AND WEB SERVER PLUGIN SETTINGS
## Server-side function library and the list of server functions that are
## to be made available to the plugin. VGN_CSFLIB can be an additional
## library.
set VGN_SFLIB
"apache_pzn133.so,update_ucs,component_pzn,curl_pzn,personalize,pznStats,cache_delete"
set VGN_CSFLIB
## The personalization function library and the list of personalization
## functions that are to be made available to the plugin. VGN_CPZNLIB
## can be an additional library.
set VGN PZNLIB
"libPfuncs.so, maxmarks, minmarks, connectioninfo, visitorinfo, topNvisits, cookieinfo"
set VGN_CPZNLIB
## Should HTTP Connection information be sent to personalization functions?
set PZN_HTTPD_SEND_CONNECTIONINFO
# The cache expiration period of visitor records in the httpd. The actual time
\sharp visitor records remain cached is between N and N times 2.
set PZN_HTTPD_CACHE_DURATION
# Maximum size of plugin visitor record cache (# visitor records)
set PZN_HTTPD_CACHE_SIZE
                                        5000
# Maximum number of plugin/pznd connections
set PZN_HTTPD_CONNECTION_POOL_MAX
# Minimum number of plugin/pznd connections
set PZN_HTTPD_CONNECTION_POOL_MIN
# Max seconds httpd plugin will wait for response from pznd
set PZN_HTTPD_PZND_REQUEST TIMEOUT
# For apache both PZN_HTTPD_CONNECTION_POOL_MAX and PZN_HTTPD_CONNECTION_POOL MIN
# should be set to 1.
# How often plugin will send PROFILE_MARK queue to pznd. (Seconds).
set PZN_HTTPD_UPDATE_FREQ
# Name of Personalization cookie, used for tracking visitors either in a cookie
# or in url stuffing.
set PZN_COOKIE_NAME
                                  ssuid
# Perform visitor tracking via cookie? (1/0) (1 = yes, 0 = no)
set PZN_COOKIE_TRACKING
# Perform automatic visitor tracking with a cookie? (1/0) Note that enabling this
# will force a visitor registry entry for every web site visitor.
set PZN_AUTO_COOKIE_TRACKING
```

```
narnene en anano
```

```
# Perform visitor tracking via url stuffing? (1/0)
# Note that if you change this setting, you must flush all the cached pages in
# your docroot that contain CURL or COMPONENT in order for the change to take effect.
set PZN URL TRACKING
# Perform automatic visitor tracking with url stuffing? (1/0) Note that enabling this
# will force a visitor registry entry for every web site visitor.
set PZN_AUTO_URL_TRACKING
# Personalization Cookie Path. This path is used in the Set-Cookie header
# when visitor id cookies (PZN COOKIE NAME) are set (if
# PZN_AUTO_COOKIE_TRACKING is enabled). This path is also used to
# determine when to set the the cookie, i.e. if the url being requested
# matches PZN COOKIE PATH.
set PZN_COOKIE PATH
                                        11 / 11
# Personalization Variable Information. Change this variable to change the default
settings
# for the cookies used in Personalization.
set PZN_COOKIE VARS
                                        " expires=Saturday, 06-Sep-2014 23:50:08 GMT"
# URL Tracking Exclusion. This is a "|" delimited list to exclude particular paths
# from using URL Tracking for Personalization.
set PZN_URL_TRACKING EXCLUDE
# The Profile Marker Log file. Profile marker information can be
# recorded in pmark.log. The Date, Time, VisitorId, URI, Category, and
# Keyword of every page view containing Profile Markers can be
# recorded.
# The following *PMARK* variables govern the ways in which information
# can be recorded. A facility is provided so that logs can be
# automatically accumulated by month. Each month a new pmark.log file
# will be created named pmark.log.nn where nn represents the month.
# Alternatively the traditional StoryServer MAX LOG SIZE rollover to
# .bak mechanism is also provided. Due to the potential size of this
# file(s), this logging is turned off by default,
# i.e., PZN_PMARK_LOG_MAX is set to 0. To enable Profile Marker
# logging, set PZN_PMARK_LOG_MAX to either -1 for unlimited size (in
# which case you should use the SUFFIX mechanism) or some reasonable
# maximum size.
# The file to record Profile Marker information.
# This file name is also affected by HTTPD_LOG_BY_PID. If HTTPD_LOG_BY_PID is set
# to 1, the process id is appended to this filename.
set PZN_PMARK_LOG_FILE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/p
# strftime(3C) format to append to PZN_PMARK_LOG_FILE file name. Suffix of ".%m"
# will append the current month to the name of the log file, aggregating stats by
# month. When the evaluation of the SUFFIX changes, a new file is created.
# Over a period of months you end up with pmark.log.01, pmark.log.02 etc.
# %m month, %Y year, %d day in month
set PZN_PMARK_LOG_FILE_SUFFIX
                                               ". %m"
# Max size of log file. 0 disables writing to this log. -1 for unlimited size.
set PZN PMARK LOG MAX
```

```
# Field separator. Fields in pmark.log are separated by this string.
set PZN_PMARK_LOG_FSEP
# The time will be recorded in pmark.log using this strftime(3C) time format.
# %H hour, %M minute
set PZN_PMARK_LOG_TFMT
# The date will be recoreded in pmark.log using this strftime(3C) date format.
# %m month, %Y year, %d day in month
set PZN_PMARK_LOG_DFMT
                                              "%Y%m%d"
# The fields to be written to the log. Use the 1st letter of each of the
# following field names to record those fields in pmark.log. A setting
# of "DTVUCK" will record the Date, Time, VisitorId, URI, Category, and
# Keyword in pmark.log.
set PZN_PMARK_LOG_FIELDS
                                               "DTVUCK"
# These variables control whether template performance measurement is
# enabled. By default, template performance measurement is enabled.
# To disable, set VGN_TMTENABLE to 'false'. To limit the size of the
# template performance measurement cache use the variable VGN_TMTSIZE.
# The maximum number of templates that will remain in the cache is 1000
# and the default value for VGN_TMTSIZE is 100. The variable VGN TMTPATH
# must be set and match the path prefix for your performance reports.
# When a template with a path prefix matching VGN_TMTPATH is executed, a
# variable name _PerfData is created that holds execution statistics for
# all of the templates that have executed since the last reset. See the
# templates that are delivered in /vgn/performance/TMT/ for a description
# of the data that is maintained.
#set VGN_TMTENABLE false
set VGN_TMTSIZE 100
set VGN_TMTPATH /vgn/performance/TMT
set
      UPG_UPGRADE_STATE
                         R42
## COMMUNICATION SETTINGS FOR StoryServer - Do not modify
set CMDS
                       set DB DOWN FILE
                       O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/dbdown
set RWDBLIB
                       librwora mt.so
set TEMPLATE_CACHE
O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/H_O_S_T_N_A_M_E-A_P_A_C_H_E_B_A_S_E01-1/t
emplates
## Include external Tcl files or DLOAD other API modules here
if {[info exists _Process] && $_Process == "ctld" } {
 source O_R_A_C_L_E_V_G_N_B_A_S_E/StoryServer/R4.2/conf/delivery.tcl
 DLOAD libBOBTclClient.so InitBobClient
set ONLINE DOCS
"http://H_O_S_T_N_A_M_E.D_O_M_A_I_N:A_P_A_C_H_E_B_A_S_E01/StoryServer/docs/index.html"
```

```
~DIRECTORY: templates\web\
 ~~~TEMPLATE: \web\adapter.app
 [ADAPTER.Services]
Redirect=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/ndwrd.so,ndwrdgi global init
 Ior=O_R_A_C_L_E_O A S P R O D B A S E/ows/4.0/lib/wrior.so, wriorGlobalInit
Dispatcher=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/libwrl.so,wrdDynamicInit
Logger=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/libndwzo.so,ndwzs_DynamicInit
 [ADAPTER.Spyglass]
Services=Ior, Redirect, Dispatcher, Logger
 [ADAPTER.Netscape]
 Services=Ior, Dispatcher, Logger
 [ADAPTER.Apache]
Services=Dispatcher, Logger
 ~~~TEMPLATE: \web\owl.cfg
ListenerName=admin
PortNumber=O_A_S_B_A_S_E18
HostName=H_O_S_T_N_A_M E
HostAddress=ANY
PROXY=OFF
ServerRoot = O\_R\_A\_C\_L\_E\_O\_A\_S\_B\_A\_S\_E/admin/ows/O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd\_H\_O\_S_T\_N\_A_M_E/httpd\_H_O\_S_T\_N\_A_M_E/httpd\_H_O\_S_T\_N_A_M_E/httpd\_H_O\_S_T\_N_A_M_E/httpd\_H_O\_S_T\_N_A_M_E/httpd\_H_O\_S_T\_N_A_M_E/httpd\_H_O\_S_T_N_A_M_E/httpd\_H_O_S_T_N_A_M_E/httpd\_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_A_M_E/httpd_H_O_S_T_N_A_M_A_M_A_M_A_M_A
E/admin/
)
ListenerName=www
PortNumber=O_A_S_B_A_S_E11
HostName=H_O_S_T_N A M E
)
(
HostAddress=ANY
PROXY=OFF
```

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```
E/www/
  #
 ListenerName=mstage
   (
  PortNumber=O_A_S_B_A_S_E20
 \label{lostName} \verb|HostName=H_O_S_T_N_A_M_E.us.oracle.com| \\
 )
 HostAddress=ANY
 PROXY=OFF
 ServerRoot = O\_R\_A\_C\_L\_E\_O\_A\_S\_B\_A\_S\_E/admin/ows/O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd\_H\_O\_S_T\_N\_A_M_E/httpd\_H\_O\_S_T\_N\_A_M_E/httpd\_H\_O\_S_T\_N_A_M_E/httpd\_H\_O\_S_T\_N_A_M_E/httpd\_H_O\_S_T\_N_A_M_E/httpd\_H_O\_S_T\_N_A_M_E/httpd\_H_O\_S_T\_N_A_M_E/httpd\_H_O\_S_T_N_A_M_E/httpd\_H_O\_S_T_N_A_M_E/httpd_H_O\_S_T_N_A_M_E/httpd_H_O\_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_A_M_A_M_A_M_A_M_A
 E/mstage/
ListenerName=cstage
 PortNumber=O_A_S_B_A_S_E21
{\tt HostName=H\_O\_S\_T\_N\_A\_M\_E.D\_O\_M\_A\_I\_N}
HostAddress=ANY
)
PROXY=OFF
E/cstage/
#
ListenerName=ots
```

ServerRoot=O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_

```
PortNumber=O_A_S_B_A_S_E23
 HostName=H_O_S_T_N_A_M_E.D_O_M_A_I_N
)
 1
HostAddress=ANY
PROXY=OFF
)
)
ServerRoot = O\_R\_A\_C\_L\_E\_O\_A\_S\_B\_A\_S\_E/admin/ows/O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A\_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M\_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd\_H\_O\_S\_T\_N\_A_M_E/httpd_H_O\_S_T_N_A_M_E/httpd_H_O\_S_T_N_A_M_E/httpd_H_O\_S_T_N_A_M_E/httpd_H_O\_S_T_N_A_M_E/httpd_H_O\_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_E/httpd_H_O_S_T_N_A_M_A_M_E/httpd_H_O_S_T_N_A_M_A_M_A_M_A_M_A
E/ots/
#
ListenerName=cdeply
PortNumber=O_A_S_B_A_S_E22
HostName=H_O_S_T_N_A_M_E.D_O_M_A_I_N
)
HostAddress=ANY
PROXY=OFF
)
E/cdeply/
~~~TEMPLATE: \web\resources.ora
ys.msgFilePath=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/mesg/
ys.dlpath=O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/lib/
orb.bootport=O_A_S_O_R_B_B_A_S_E49
orb.boothost=H_O_S_T_N_A_M_E
orb.sec.w-location=file:ORACLEOASPRODBASE/orb/4.0/wmt
orb.sec.w-passwd=B+X1K2Z2LqVoFFg1v6OqAtWs5ATxEuQA0KkstwoDzIIBwJUK1AtwMBIE
zyg.g0ip=225.231.55.74
zyg.g0port=62749
orb.spy.export-metrics=true
owsctl.spy.export-metrics=false
oasadmin.spy.export-metrics=false
ys.msgFilePath=O_R_A_C_L_E_O_A_S P R O D B A S E/ows/mesg/
oasoctl.forceinit=true
~~~TEMPLATE: \web\site.app
[root]
Components
                                                      = wrb, dispatchers, cartx, orb, ots
DisplayName
                                                      = "O A S S I T E N A M E Site"
InternalName
                                                      = O_A_S_S_I_T_E N A M E
```

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ConfigURL
                   = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=SITE
OpenGIF
                  = site.gif
CloseGIF
                 = site.gif
NodesList
                 = H_O_S_T_N_A_M_E
                 = orb, wrb, dispatchers, cartx
StartOrder
[ \texttt{O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.H\_O\_S\_T\_N\_A\_M\_E} ]
NodeManagerPort
                 = O_A_S_N_O_D_E
                  = Primary
NodeType
InstallationType = List, Wrb, Cartx
UserName
                  = admin
Password
                  = JPPMDBLOKGHDOJMC
DomainName
                  = D_O_M_A_I_N
[O_A_S_S_I_T_E_N_A_M_E.ots]
TreeLocation = O_A_S_S_I_T_E_N_A_M_E.wrb
JavaClass
                  = oracle.ots.mgmt.OtsTree
[O_A_S_S_I_T_E_N_A_M_E.orb]
Processes
                  = orbproc
[O_A_S_S_I_T_E_N_A_M_E.orb.orbproc]
StartCmd
                   = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
start ALL
StopCmd
                   = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi stop
ALL
MonitorCmd
                   = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
monitor ALL
ReloadCmd
                   = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
reload ALL
[O_A_S_S_I_T_E_N_A_M_E.wrb]
              = logging, security, dad, frecovery, orb
Components
DisplayName
                  = "Oracle Application Server"
InternalName
Processes
\verb|wrbcfg,wrblog,wrbroker,wrbahsrv,wrbasrv,wrbrmpxy,wrksf,wrbmon,otsfacsrv|\\
CollapseProcesses = oassrv,wrksf,otsfacsrv
ConfigURL
                  = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=WRB&NAME=wrb
OpenGIF
                  = oas.qif
CloseGIF
                  = oas.gif
ReloadOrder
wrb/wrblog,wrb/wrbahsrv,wrb/wrbasrv,wrb/wrksf,wrb/cartxSrv,wrb/wrbroker,wrb/wrbrmpxy,wrb/
wrbmon, wrb/otsfacsrv, dispatchers
[O_A_S_S_I_T_E_N_A_M_E.wrb.logging]
Components
                  = system, attribute, xlf
DisplayName
                  = "Logging"
ConfigURL
                  = /ows-abin/lgadmin?FORM_CODE=LOGGER MAIN
OpenGIF
                  = folder open.gif
CloseGIF
                  = folder closed.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.logging.system]
DisplayName
                  = "System"
ConfigURL
                  = /ows-abin/lgadmin?FORM_CODE=LOGGER_SYS
OpenGIF
                  = propsheet.qif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.logging.attribute]
```

```
DisplayName
                         = "Attribute"
       ConfigURL
                         = /ows-abin/lgadmin?FORM_CODE=LOGGER_ATTR
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.logging.xlf]
       DisplayName = "XLF"
       ConfigURL
                          = /ows-abin/lgadmin?FORM_CODE=LOGGER_XLF
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.wrb.security]
                     = basic, digest, ip, domain, database, crypt, certificate
       Components
       DisplayName
                         = "Security"
       ConfigURL
                       = /ows-abin/atadmin?FORM_CODE=AUTH_CONFIG_FORM
                  = folder_open.gif
= folder_closed.gif
       OpenGIF
       CloseGIF
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.basic]
       DisplayName = "Basic"
ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_BASIC_FORM
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.digest]
DisplayName = "Digest"
       ConfigURL
                         = /ows-abin/atadmin?FORM_CODE=AUTH_DIGEST_FORM
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
:0
I
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.ip]
       DisplayName = "IP"
1;
       ConfigURL
                         = /ows-abin/atadmin?FORM_CODE=AUTH_IP_FORM
=
       OpenGIF
                        = propsheet.gif
±
       CloseGIF
                        = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.domain]
       DisplayName = "Domain"
ConficURL - /ows-abi
                        = /ows-abin/atadmin?FORM_CODE=AUTH_DOMAIN_FORM
= propsheet.gif
= propsheet.gif
       ConfigURL
       OpenGIF
       CloseGIF
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.database]
       DisplayName = "Basic_Oracle"

ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_BASIC_ORACLE_FORM
                        = propsheet.gif
       OpenGIF
       CloseGIF
                         = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.crypt]
       DisplayName = "Crypt"

ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_CRYPT_FORM
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate]
       Components = realms, servers, acls
       DisplayName
                         = "Certificate"
       ConfigURL
                         = /ows-adoc/blank.html
       OpenGIF
                         = folder_open.gif
```

```
CloseGIF
                   = folder_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate.realms]
               = "Realms"
= /ows-abin/csadmin?FORM_CODE=CERT_REALM_MAIN
DisplayName
ConfigURL
OpenGIF
                  = folder open.gif
CloseGIF
                  = folder_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate.servers]
              = "Servers"
DisplayName
                  = /ows-abin/csadmin?FORM_CODE=CERT_SERVER_MAIN
ConfigURL
OpenGIF
                  = folder_open.gif
CloseGIF
                  = folder_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate.acls]
DisplayName = "ACLs"
ConfigURL
                   = /ows-abin/csadmin?FORM_CODE=CERT_ACL_MAIN
OpenGIF
                   = folder_open.gif
                  = folder_closed.gif
CloseGIF
[O_A_S_S_I_T_E_N_A_M_E.wrb.orb]
DisplayName = "ORB Configuration"
ConfigURL = /ows-abin/orbmgr?file=gencfg
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.oassrv]
               = "Oracle Application Server"
DisplayName
ComponentType
                   = Wrb
                = n__
= oassrv
InternalName
                  = H_O_S_T_N_A_M_E
[O_A_S_S_I_T_E_N_A_M_E.wrb.oassrv.H_O S T N A M E]
Instances
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.otsfacsrv]
DisplayName = "Transaction Server Factory"
ComponentType = Wrb
InternalName = otsfacsrv
Nodes
                   = H_O_S_T_N_A_M_E
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.otsfacsrv.H\_O\_S\_T\_N\_A\_M\_E)} \\
Instances
              = 1
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbmon]
              = "Monitoring Daemon"
= Wrb
DisplayName
ComponentType
InternalName
                  = wrbmon
Nodes
                   = H_O_S_T_N_A_M_E
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbmon.H_O_S_T_N_A_M_E]
Instances
                  = 1
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrblog]
               = "Log Server"
DisplayName
ComponentType
                  = Wrb
InternalName
                  = wrblog
Nodes
                   = H_O_S_T_N_A_M_E
```

```
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrblog.H_O_S_T_N_A_M_E]
Instances
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrksf]
DisplayName = "Cartridge Server Factory"
ComponentType = Wrb
InternalName
                      = wrksf
Nodes
                       = H_O_S_T_N_A_M_E
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrksf.H\_O\_S\_T\_N\_A\_M\_E]} 
Instances
                       = 1
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbroker]
                   = "Resource Manager"
DisplayName
ComponentType
                      = Wrb
InternalName
                      = wrbroker
Nodes
                      = H_O_S_T_N_A_M_E
 \begin{center} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbroker.H\_O\_S\_T\_N\_A\_M\_E] \end{center} 
Instances
                 = 1
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbrmpxy]
DisplayName = "Resource Manager Proxy"
ComponentType = Wrb
InternalName
                     = wrbrmpxy
Nodes
                      = H_O_S_T_N_A_M_E
 \begin{subarray}{ll} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbrmpxy.H\_O\_S\_T\_N\_A\_M\_E] \end{subarray} \label{limits} 
Instances
                      = 1
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbcfg]
                  = "Configuration Provider"
= Wrb
DisplayName
ComponentType
InternalName
                     = wrbcfg
Nodes
                      = H_O_S_T_N_A_M_E
 \begin{subarray}{ll} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbcfg.H\_O\_S\_T\_N\_A\_M\_E] \\ \end{subarray} 
Instances
                      = 1
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbasrv]
DisplayName = "Authentication Server"
ComponentType = Wrb
InternalName
                      = wrbasrv
Nodes
                       = H_O_S_T_N_A_M_E
 \begin{center} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbasrv.H\_O\_S\_T\_N\_A\_M\_E] \end{center} \label{lem:constraint} 
Instances
\hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbahsrv]}
                  = "Authentication Host Server"
= Wrb
DisplayName
ComponentType
                      = wrbahsrv
InternalName
Nodes
                       = H_O_S_T_N_A_M_E
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbahsrv.H_O_S_T_N A M E]
Instances
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.dispatchers]
Components
                      = dispproc
```

```
DisplayName
                           = "HTTP Listeners"
                          = dispatchers
        InternalName
        ConfigURL
                         = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=LIST&NAME=dispatchers
        OpenGIF
                          = listener_node_open.gif
        CloseGIF
                          = listener_node closed.qif
       Components = Net,Srv,UsrGrp,Dir,Lang,Mime,Enc,CaRoot,Sec
ComponentType = Disp
ConfidRT.
        ConfigURL
                          = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=LIST&NAME=dispatchers/
                          = listener.gif
        OpenGIF
        CloseGIF
                          = listener.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Net]
        DisplayName = "Network"
        ConfigURL
                          = /ows-abin/wladmin?CONFIG_CODE=NETWORK&orig_name=
        OpenGIF
                         = propsheet.gif
        CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Srv]
       DisplayName = "Server"

ConfigURL = /ows-abin/wladmin?CONFIG_CODE=SERVER&orig_name=
        OpenGIF
                         = propsheet.gif
        CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.UsrGrp]
Ţ
       DisplayName = "User/Group"
ConfigURL = /ows-abin/wladmin?CONFIG_CODE=UG&orig_name=
OpenGIF
                         = propsheet.gif
:0
        CloseGIF
                          = propsheet.gif
ij
::
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Dir]
                     = "Directory"
= /ows-abin/wladmin?CONFIG_CODE=DIR&orig_name=
=
       DisplayName
       ConfigURL
=
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Lang]
       DisplayName = "Language"
ConfigURL = /ows-abin/wladmin?CONFIG_CODE=LANG&orig_name=
       OpenGIF
                          = propsheet.gif
= propsheet.gif
       CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Mime]
       DisplayName = "MIME"

ConfigURL = /ows-abin/wladmin?CONFIG_CODE=MIME&orig_name=
       OpenGIF
                          = propsheet.gif
       CloseGIF
                          = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Enc]
       DisplayName = "Encoding"
                          = /ows-abin/wladmin?CONFIG_CODE=ENCODING&orig_name=
       ConfigURL
                          = propsheet.gif
= propsheet.gif
       OpenGIF
       CloseGIF
        {\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.dispatchers.dispproc.CaRoot]}
       DisplayName = "SSL CA Roots"
                          = /ows-abin/wladmin?CONFIG_CODE=SSLCA&orig_name=
       ConfigURL
       OpenGIF
                          = propsheet.gif
```

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CloseGIF
                   = propsheet.gif
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.dispatchers.dispproc.Sec]
             = Basic, Digest, IP, Domain, SSL
= "Security"
Components
DisplayName
ConfigURL
                 = /ows-abin/wladmin?CONFIG CODE=SECURITY&orig name=
OpenGIF
                 = folder_open.gif
CloseGIF
                 = folder_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.Basic]
DisplayName = "Basic"
ConfigURL
                  = /ows-abin/wladmin?CONFIG_CODE=BASIC&orig_name=
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.Digest]
DisplayName = "Digest"
ConfigURL
                  = /ows-abin/wladmin?CONFIG_CODE=DIGEST&orig name=
OpenGIF
                  = propsheet.gif
                 = propsheet.gif
CloseGIF
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.IP]
              = "IP"
= /ows-abin/wladmin?CONFIG_CODE=IP&orig_name=
DisplayName
ConfigURL
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.Domain]
DisplayName = "Domain"
ConfigURL = /ows-abin/wladmin?CONFIG_CODE=DOMAIN&orig_name=
                 = propsheet.gif
OpenGIF
                 = propsheet.gif
CloseGIF
[O_A_S_S_I_T_E_N A M E.dispatchers.dispproc.Sec.SSL]
DisplayName = "SSL"
ConfigURL
                 = /ows-abin/wladmin?CONFIG_CODE=SSL&orig name=
OpenGIF
                 = propsheet.gif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A M E.wrb.dad]
DisplayName = "DB Access Descriptor"
ConfigURL = /ows-abin/dadadmin
OpenGIF
                 = dad_node_closed.gif
CloseGIF
                 = dad_node_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.frecovery]
DisplayName = "Failure Recovery"
ConfigURL
                 = /ows-abin/csadmin?FORM_CODE=FAILURE_RECOVERY
OpenGIF
                  = propsheet.gif
                  = propsheet.gif
CloseGIF
[O_A_S_S_I_T_E_N_A_M_E.cartx]
              = "Applications"
DisplayName
                  = wrb/cartxSrv
InternalName
                 = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP
ConfigURL
OpenGIF
                 = app node open.gif
CloseGIF
                 = app node closed.qif
Components
                 = owsapps,DB Utilities, mstage, cstage, mdeploy, ots, cdeploy
```

```
[O_A_S_S_I_T_E N A M E.cartx.owsapps]
ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=owsapps
OpenGIF = app.gif
= app.gif

= AppConf, AppCartx

InternalName = owsapps

ComponentType = App

;
[O_A_S_S_I_T_E_N_A_M_E.cartx.owsapps.AppConf]
DisplayName = "Configuration"

ConfigURL = /ows-abin/csadmin?FORM_CODE=DISPLAY_CONFIG&ServerName=owsapps
OpenGIF
                  = folder_open.gif
CloseGIF = folder_closed.gif
Components = AppConfSrv, AppConfLog, AppConfWeb, AppConfTxProperty,
AppConfWebTransactions
[O_A_S_S_I_T_E_N_A_M_E.cartx.owsapps.AppConf.AppConfSrv]
DisplayName = "Server"
ConfigURL = /ows-abin/csadmin?FORM_CODE=SERVER_CONFIG&ServerName=owsapps
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.owsapps.AppConf.AppConfLog]
DisplayName = "Logging"
ConfigURL
                 = /ows-abin/csadmin?FORM_CODE=LOG_CONFIG&ServerName=owsapps
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E N A M E.cartx.owsapps.AppConf.AppConfWeb]
DisplayName = "Web Parameters"
ConfigURL
                  = /ows-abin/csadmin?FORM_CODE=WEB_CONFIG&ServerName=owsapps
                 = propsheet.gif
OpenGIF
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A M E.cartx.owsapps.AppConf.AppConfTxProperty]
DisplayName = "Tx Property"
ConfigURL
                  = /ows-abin/csadmin?FORM_CODE=TXN_PROP&ServerName=owsapps
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.owsapps.AppConf.AppConfWebTransactions]
DisplayName = "Transactions"

ConfigURL = /ows-abin/csadmin?FORM_CODE=TXN_MAIN&ServerName=owsapps
OpenGIF
                 = txn folder open.gif
CloseGIF
                  = txn folder closed.qif
[O_A_S_S_I_T_E_N_A_M_E.cartx.owsapps.AppCartx]
DisplayName
                  = "Cartridges"
ConfigURL
/ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=owsapps&NAME=owsapps
OpenGIF = cart_node_open.gif
CloseGIF
                  = cart_node_closed.gif
Components
                  = owsstat
InternalName
                  = cartx/owsapps
[O_A_S_S_I_T_E_N_A_M_E.cartx.owsapps.AppCartx.owsstat]
ConfigURL
/ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=owsapps&NAME=owsapps/owsstat
OpenGIF
                   = cart.gif
```

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CloseGIF
                   = cart.gif
                  = AppCartxConf
Components
InternalName
                  = owsapps/owsstat
                  = Cartx
ComponentType
{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.owsapps.AppCartx.owsstat.AppCartxConf]}
DisplayName
                   = "Configuration"
ConfigURL
/ows-abin/csadmin?FORM_CODE=CART_CONFIG&CartridgeName=owsapps/owsstat
OpenGIF
                  = folder open.gif
CloseGIF
                   = folder closed.gif
Components
                 = AppCartxConfTuning, AppCartxConfVP, AppCartxConfCartlib,
AppCartxConfParam
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.owsapps.AppCartx.owsstat.AppCartxConf.AppCartxConfTuning]} \\
DisplayName
                   = "Tuning"
ConfigURL
/ows-abin/csadmin?FORM_CODE=LOAD_CONFIG&CartridgeName=owsapps/owsstat
OpenGIF
                   = propsheet.gif
CloseGIF
                   = propsheet.gif
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.owsapps.AppCartx.owsstat.AppCartxConf.AppCartxConfVP]\\
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.gif
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.owsapps.AppCartx.owsstat.AppCartxConf.AppCartxConfCartlib]} \\
DisplayName
                   = "CWEB Parameters"
ConfigURL
/ows-abin/csadmin?FORM_CODE=CWEB_SO_CONFIG&CartridgeName=owsapps/owsstat
OpenGIF
                  = propsheet.gif
CloseGIF
                   = propsheet.qif
 [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.owsapps.AppCartx.owsstat.AppCartxConf.AppCartxConfParam] \\
DisplayName = "Cartridge Parameters"
ConfigURL
                  = /ows-abin/csadmin?FORM_CODE=ENV_CONFIG&CartridgeName=owsapps/owsstat
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.qif
[O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities]
ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=DB_Utilities
OpenGIF = app.gif
- app.gif
CloseGIF = app.gif
Components = AppConf, AppCartx
InternalName = DB_Utilities
ComponentType = App
[O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppConf]
DisplayName = "Configuration"

ConfigURL = /ows-abin/csadmin?FORM_CODE=DISPLAY_CONFIG&ServerName=DB_Utilities
OpenGIF
                   = folder open.gif
CloseGIF
                   = folder_closed.gif
Components
                   = AppConfSrv, AppConfLog, AppConfWeb, AppConfTxProperty,
AppConfWebTransactions
[O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppConf.AppConfSrv]
DisplayName
                   = "Server"
ConfigURL
                   = /ows-abin/csadmin?FORM_CODE=SERVER_CONFIG&ServerName=DB Utilities
```

```
OpenGIF
                          = propsheet.qif
       CloseGIF
                          = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppConf.AppConfLog]
       DisplayName
                        = "Logging"
       ConfigURL
                          = /ows-abin/csadmin?FORM_CODE=LOG_CONFIG&ServerName=DB_Utilities
       OpenGIF
                          = propsheet.gif
       CloseGIF
                          = propsheet.gif
       [O_A_S_S_I_T_E_N A_M E.cartx.DB Utilities.AppConf.AppConfWeb]
                    = "Web Parameters"
       DisplayName
       ConfigURL
                         = /ows-abin/csadmin?FORM_CODE=WEB_CONFIG&ServerName=DB_Utilities
       OpenGIF
                         = propsheet.gif
       CloseGIF
                        = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppConf.AppConfTxProperty]
       DisplayName = "Tx Property"
       ConfigURL
                         = /ows-abin/csadmin?FORM_CODE=TXN_PROP&ServerName=DB Utilities
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.DB\_Utilities.AppConf.AppConfWebTransactions]} \\
                    = "Transactions"
= /ows-abin/csadmin?FORM_CODE=TXN_MAIN&ServerName=DB_Utilities
       DisplayName
       ConfigURL
       OpenGIF
                        = txn folder open.gif
       CloseGIF
                         = txn_folder_closed.gif
       [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppCartx]
: 🗖
       DisplayName
                         = "Cartridges"
       ConfigURL
Ħ
       /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=DB_Utilities&NAME=DB_Utilities
11
       OpenGIF
                     = cart_node_open.gif
=
       CloseGIF
                         = cart_node_closed.gif
                        = DB_Browser, Log_Analyzer
       Components
===
       InternalName
                        = cartx/DB Utilities
Щ
       [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppCartx.DB_Browser]
ConfigURL
       /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=DB_Utilities&NAME=DB_Utilities/
       DB Browser
       OpenGIF
                         = cart.gif
                         = cart.gif
       CloseGIF
       Components
                        = AppCartxConf
       InternalName
                        = DB_Utilities/DB_Browser
       ComponentType
                        = Cartx
       [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppCartx.DB_Browser.AppCartxConf]
       DisplayName
                         = "Configuration"
       ConfigURL
       /ows-abin/csadmin?FORM_CODE=CART_CONFIG&CartridgeName=DB_Utilities/DB_Browser
       OpenGIF
                         = folder_open.gif
       CloseGIF
                         = folder closed.gif
                         = AppCartxConfTuning, AppCartxConfPlsql, AppCartxConfVP
       Components
       [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppCartx.DB_Browser.AppCartxConf.AppCartxConfTu
       ning]
                          = "Tuning"
       DisplayName
       ConfigURL
       /ows-abin/csadmin?FORM_CODE=LOAD_CONFIG&CartridgeName=DB_Utilities/DB_Browser
```

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OpenGIF
                                                                                                           = propsheet.qif
                               CloseGIF
                                                                                                           = propsheet.gif
                                 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.DB\_Utilities.AppCartx.DB\_Browser.AppCartxConf.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppCartxConfPlances.AppC
                               sql]
                               DisplayName
                                                                                                           = "PLSQL Parameters"
                               ConfigURL
                               /ows-abin/csadmin?FORM_CODE=AGENT_CONFIG&AgentName=DB_Utilities/DB_Browser
                               OpenGIF
                                                                                                           = propsheet.gif
                               CloseGIF
                                                                                                           = propsheet.gif
                                [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppCartx.DB_Browser.AppCartxConf.AppCartxConfVP
                               1
                               DisplayName
                                                                                                           = "Virtual Path"
                               ConfigURL
                               /ows-abin/csadmin?FORM_CODE=VPATH&CartridgeName=DB_Utilities/DB_Browser
                               OpenGIF
                                                                                                           = propsheet.gif
                               CloseGIF
                                                                                                           = propsheet.gif
                               [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppCartx.Log Analyzer]
                               ConfigURL
                               /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=DB_Utilities&NAME=DB_Utilities/
                               Log Analyzer
                               OpenGIF
                                                                                                          = cart.gif
                               CloseGIF
                                                                                                     = cart.gif
                               Components
                                                                                                    = AppCartxConf
m
                               InternalName
                                                                                                   = DB_Utilities/Log_Analyzer
ComponentType
                                                                                                        = Cartx
Ē
                                \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.DB\_Utilities.AppCartx.Log\_Analyzer.AppCartxConf]} \\
ij
                              DisplayName
                                                                                                          = "Configuration"
11
                              ConfigURL
=
                               /ows-abin/csadmin?FORM_CODE=CART_CONFIG&CartridgeName=DB_Utilities/Log Analyzer
                              OpenGIF
                                                                                        = folder_open.gif
=
                              CloseGIF
                                                                                                          = folder closed.gif
 Components
                                                                                                        = AppCartxConfTuning, AppCartxConfPlsql, AppCartxConfVP
Ų
                                \verb|[O_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.DB\_Utilities.AppCartx.Log\_Analyzer.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.A
                              Tuning]
                              DisplayName
                                                                                                           = "Tuning"
                              ConfigURL
                               /ows-abin/csadmin?FORM_CODE=LOAD_CONFIG&CartridgeName=DB_Utilities/Log Analyzer
                              OpenGIF
                                                                                                          = propsheet.gif
                              CloseGIF
                                                                                                          = propsheet.gif
                                \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.DB\_Utilities.AppCartx.Log\_Analyzer.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf.AppCartxConf
                             Plsql]
                             DisplayName
                                                                                                           = "PLSQL Parameters"
                              ConfigURL
                               /ows-abin/csadmin?FORM_CODE=AGENT_CONFIG&AgentName=DB_Utilities/Log_Analyzer
                              OpenGIF
                                                                                                          = propsheet.qif
                             CloseGIF
                                                                                                          = propsheet.gif
                               [O_A_S_S_I_T_E_N_A_M_E.cartx.DB_Utilities.AppCartx.Log Analyzer.AppCartxConf.AppCartxConf
                             VP]
                             DisplayName
                                                                                                          = "Virtual Path"
                              /ows-abin/csadmin?FORM_CODE=VPATH&CartridgeName=DB_Utilities/Log_Analyzer
                             OpenGIF
                                                                                                          = propsheet.qif
```

```
CloseGIF
                    = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy]
ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=cdeploy
OpenGIF = app.gif
CloseGIF
                  = app.gif
Components
                  = AppConf, AppCartx
InternalName = AppConf,
ComponentType = App
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.cdeploy.AppConf]
DisplayName = "Configuration"

ConfigURL = /ows-abin/csadmin?FORM_CODE=DISPLAY_CONFIG&ServerName=cdeploy
OpenGIF
                  = folder open.gif
CloseGIF = folder_closed.gif
Components = AppConfSrv, AppConfEnv, AppConfLog, AppConfJava, AppConfWeb,
AppConfTxProperty
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppConf.AppConfSrv]
DisplayName = "Server"

ConfigURL = /ows-abin/csadmin?FORM_CODE=SERVER_CONFIG&ServerName=cdeploy
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppConf.AppConfEnv]
DisplayName = "Environment Variables"
ConfigURL
                   = /ows-abin/csadmin?FORM_CODE=ENV_CONFIG&ServerName=cdeploy
OpenGIF
                  = propsheet.gif
CloseGIF
                   = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppConf.AppConfLog]
DisplayName = "Logging"
ConfigURL
                   = /ows-abin/csadmin?FORM_CODE=LOG_CONFIG&ServerName=cdeploy
OpenGIF
                  = propsheet.qif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppConf.AppConfJava]
DisplayName = "Java Environment"
                  = /ows-abin/csadmin?FORM_CODE=JAVA_PARAM_CONFIG&ServerName=cdeploy
= propsheet.gif
ConfigURL
OpenGIF
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppConf.AppConfWeb]
DisplayName = "Web Parameters"

ConfigURL = /ows-abin/csadmin?FORM_CODE=WEB_CONFIG&ServerName=cdeploy
OpenGIF
                  = propsheet.gif
CloseGIF
                   = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppConf.AppConfTxProperty]
DisplayName = "Tx Property"

ConfigURL = /ows-abin/csadmin?FORM_CODE=TXN_PROP&ServerName=cdeploy
OpenGIF
                  = propsheet.gif
CloseGIF
                   = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppCartx]
                  = "Cartridges"
DisplayName
ConfigURL
ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=cdeploy&NAME=cdeploy/
OpenGIF
                   = cart node open.gif
```

```
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mstage]
       ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=mstage
       OpenGIF
                         = app.gif
                         = app.gif
= AppConf, AppCartx
= mstage
       CloseGIF
       Components
       InternalName
       ComponentType
                         = App
        [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mstage.AppConf]
       DisplayName = "Configuration"
       ConfigURL
                          = /ows-abin/csadmin?FORM_CODE=DISPLAY_CONFIG&ServerName=mstage
       OpenGIF
                          = folder_open.gif
       CloseGIF = folder_closed.gif
Components = AppConfSrv, AppConfEnv, AppConfLog, AppConfJava, AppConfWeb,
       AppConfTxProperty
       [O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppConf.AppConfSrv]
DisplayName = "Server"

ConfigURL = /ows-abin/csadmin?FORM_CODE=SERVER_CONFIG&ServerName=mstage
       OpenGIF
                          = propsheet.gif
       CloseGIF
                          = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppConf.AppConfEnv]
       DisplayName = "Environment Variables"
       ConfigURL
                          = /ows-abin/csadmin?FORM CODE=ENV CONFIG&ServerName=mstage
       OpenGIF
ij
                          = propsheet.gif
       CloseGIF
                          = propsheet.gif
H
===
        {\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mstage.AppConf.AppConfLog]}
<u>_</u>
       DisplayName = "Logging"
ConfigURL
                          = /ows-abin/csadmin?FORM_CODE=LOG_CONFIG&ServerName=mstage
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppConf.AppConfJava]
       DisplayName = "Java Environment"

ConfigURL = /ows-abin/csadmin?FORM_CODE=JAVA_PARAM_CONFIG&ServerName=mstage
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppConf.AppConfWeb]
       DisplayName = "Web Parameters"

ConfigURL = /ows-abin/csadmin?FORM_CODE=WEB_CONFIG&ServerName=mstage
       OpenGIF
                          = propsheet.gif
       CloseGIF
                          = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M E.cartx.mstage.AppConf.AppConfTxProperty]
                    = "Tx Property"
= /ows-abin/csadmin?FORM_CODE=TXN_PROP&ServerName=mstage
       DisplayName
       ConfigURL
       OpenGIF
                         = propsheet.gif
                         = propsheet.gif
       CloseGIF
```

= cart node closed.gif

= cartx/cdeploy

= cdeploy

CloseGIF

InternalName Components

[O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppCartx]

DisplayName = "Cartridges"

ConfigURL

```
/ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=mstage&NAME=mstage
        OpenGIF
                             = cart_node_open.gif
        CloseGIE
                            = cart_node_closed.gif
        InternalName = cartx/mstage
Components = mstage
        [O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppCartx.mstage]
                       = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=mstage
= app.gif
        OpenGIF
        CloseGIF
                            = app.gif
                           = AppCartxConf
        Components
        InternalName = mstage/mstage
ComponentType = Cartx
        [O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppCartx.mstage.AppCartxConf]
        DisplayName = "Configuration"
        ConfigURL = /ows-abin/csadmin?FORM_CODE=CART_CONFIG&CartridgeName=mstage/mstage
OpenGIF = folder_open.gif
CloseGIF = folder_closed.gif
Components = AppCartxConfTuning, AppCartxConfJWeb
         \verb|[O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppCartx.mstage.AppCartxConf.AppCartxConfTuning]| \\
DisplayName = "Tuning"

ConfigURL = /ows-abin/csadmin?FORM_CODE=LOAD_CONFIG&CartridgeName=mstage/mstage
        OpenGIF
                           = propsheet.gif
        CloseGIF
                            = propsheet.gif
        [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mstage.AppCartx.mstage.AppCartxConf.AppCartxConfVP]\\
        DisplayName = "Virtual Path"

ConfigURL = /ows-abin/csadmin?FORM_CODE=VPATH&CartridgeName=mstage/mstage
I
        OpenGIF
                            = propsheet.gif
        CloseGIF
                            = propsheet.gif
-
         \verb|[O_A_S_S_I_T_E_N_A_M_E.cartx.mstage.AppCartx.mstage.AppCartxConf.AppCartxConfJWeb]| \\
=
                        = "JWeb Parameters"
        DisplayName
        ConfigURL
لِيا
        /ows-abin/csadmin?FORM_CODE=JWEB_PAR_CONF&CartridgeName=mstage/mstage
        OpenGIF
                      = propsheet.gif
        CloseGIF
                            = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.cartx.cstage]
        ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=cstage
OpenGIF = app.gif
        CloseGIF = app.gif
Components = AppConf, AppCartx
InternalName = cstage
Components
        ComponentType
                            = App
        [O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppConf]
        DisplayName = "Configuration"

ConfigURL = /ows-abin/csadmin?FORM_CODE=DISPLAY_CONFIG&ServerName=cstage
        OpenGIF
                            = folder_open.gif
        CloseGIF
                            = folder_closed.gif
        Components
                            = AppConfSrv, AppConfEnv, AppConfLog, AppConfJava, AppConfWeb,
        AppConfTxProperty
        [O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppConf.AppConfSrv]
        DisplayName
                            = "Server"
        ConfigURL
                             = /ows-abin/csadmin?FORM CODE=SERVER CONFIG&ServerName=cstage
```

```
[O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppConf.AppConfEnv]
        DisplayName = "Environment Variables"

ConfigURL = /ows-abin/csadmin?FORM_CODE=ENV_CONFIG&ServerName=cstage
        OpenGIF
                           = propsheet.gif
        CloseGIF
                           = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppConf.AppConfLog]
        DisplayName = "Logging"
                            = /ows-abin/csadmin?FORM_CODE=LOG_CONFIG&ServerName=cstage
        ConfigURL
        OpenGIF
                           = propsheet.gif
        CloseGIF
                           = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppConf.AppConfJava]
        DisplayName = "Java Environment"
        ConfigURL
                           = /ows-abin/csadmin?FORM CODE=JAVA PARAM CONFIG&ServerName=cstage
                       = propsheet.gif
= propsheet.gif
        OpenGIF
        CloseGIF
        {\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.cstage.AppConf.AppConfWeb]}
        DisplayName = "Web Parameters"
ConfigURL = /ows-abin/csadmin?FORM_CODE=WEB_CONFIG&ServerName=cstage
OpenGIF
                          = propsheet.gif
        CloseGIF
                           = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppConf.AppConfTxProperty]
        DisplayName = "Tx Property"

ConfigURL = /ows-abin/csadmin?FORM_CODE=TXN_PROP&ServerName=cstage
ū
I
        OpenGIF
                           = propsheet.gif
= propsheet.gif
        CloseGIF
=
        [O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppCartx]
==
        DisplayName
                           = "Cartridges"
        ConfigURL
        /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=cstage&NAME=cstage
        Cart_node_open.gif

cart_node_closed.gif

InternalName = cartx/cstage

Components = cstage
;
        [O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppCartx.cstage]
        ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=cstage
OpenGIF = app.gif
       - app.gif
closeGIF = app.gif
Components = AppCartxConf
InternalName = cstage/cstage
ComponentType = Cartx
;
        [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.cstage.AppCartx.cstage.AppCartxConf]
        OpenGIF
                           = folder_open.gif
        CloseGIF
                           = folder closed.gif
```

= AppCartxConfTuning, AppCartxConfVP, AppCartxConfJWeb

 $[O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppCartx.cstage.AppCartxConf.AppCartxConfTuning]\\$

OpenGIF

CloseGIF

Components

DisplayName

= propsheet.qif

= propsheet.gif

= "Tuning"

```
ConfigURL
                           = /ows-abin/csadmin?FORM_CODE=LOAD_CONFIG&CartridgeName=cstage/cstage
= propsheet.gif
        OpenGIF
        CloseGIF
                             = propsheet.gif
         \verb|[O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppCartx.cstage.AppCartxConf.AppCartxConfVP]| \\
        OpenGIF
                            = propsheet.gif
        CloseGIF
                            = propsheet.gif
         \verb|[O_A_S_S_I_T_E_N_A_M_E.cartx.cstage.AppCartx.cstage.AppCartxConf.AppCartxConfJWeb]| \\
                        = "JWeb Parameters"
        DisplayName
        ConfigURL
        /ows-abin/csadmin?FORM_CODE=JWEB_PAR_CONF&CartridgeName=cstage/cstage
        OpenGIF
                            = propsheet.qif
        CloseGIF
                            = propsheet.qif
        [O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy]
        ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=mdeploy
OpenGIF = app.gif
        CloseGIF = app.gif
Components = AppConf, AppCartx
InternalName = mdeploy
ComponentType = App
[O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy.AppConf]
        DisplayName = "Configuration"

ConfigURL = /ows-abin/csadmin?FORM_CODE=DISPLAY_CONFIG&ServerName=mdeploy

OpenGIF = folder_open.gif

CloseGIF = folder_closed.gif

Components = AppConfSrv, AppConfEnv, AppConfLog, AppConfJava, AppConfWeb,
ij
                            = AppConfSrv, AppConfEnv, AppConfLog, AppConfJava, AppConfWeb,
11
        AppConfTxProperty
1
        [O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy.AppConf.AppConfSrv]
=
        DisplayName = "Server"

ConfigURL = /ows-abin/csadmin?FORM_CODE=SERVER_CONFIG&ServerName=mdeploy
IJ
        OpenGIF
                        = propsheet.gif
= propsheet.gif
        CloseGIF
        [ \texttt{O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mdeploy.AppConf.AppConfEnv} ]
        DisplayName = "Environment Variables"

ConfigURL = /ows-abin/csadmin?FORM_CODE=ENV_CONFIG&ServerName=mdeploy
        OpenGIF
                           = propsheet.gif
                           = propsheet.gif
        CloseGIF
        [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mdeploy.AppConf.AppConfLog]
        DisplayName = "Logging"

ConfigURL = /ows-abin/csadmin?FORM_CODE=LOG_CONFIG&ServerName=mdeploy
        OpenGIF
                            = propsheet.gif
        CloseGIF
                            = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy.AppConf.AppConfJava]
        DisplayName = "Java Environment"
        ConfigURL
                            = /ows-abin/csadmin?FORM_CODE=JAVA_PARAM_CONFIG&ServerName=mdeploy
                            = propsheet.gif
        OpenGIF
                           = propsheet.gif
        CloseGIF
        {\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mdeploy.AppConf.AppConfWeb]}
        DisplayName
                        = "Web Parameters"
```

```
ConfigURL
                   = /ows-abin/csadmin?FORM CODE=WEB CONFIG&ServerName=mdeploy
OpenGIF
                  = propsheet.gif
CloseGIF
                   = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy.AppConf.AppConfTxProperty]
              = "Tx Property"
DisplayName
ConfigURL
                 = /ows-abin/csadmin?FORM_CODE=TXN_PROP&ServerName=mdeploy
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy.AppCartx]
DisplayName
                 = "Cartridges"
ConfigURL
/ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=mdeploy&NAME=mdeploy
OpenGIF
            = cart_node_open.gif
CloseGIF
                 = cart_node_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy.AppCartx.mdeploy]
ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=mdeploy
OpenGIF = app.gif
CloseGIF
                 = app.gif
Components
                 = AppCartxConf
InternalName
                 = mdeploy/mdeploy
ComponentType
                 = Cartx
 \verb|[O_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mdeploy.AppCartx.mdeploy.AppCartxConf|| \\
DisplayName
                  = "Configuration"
ConfigURL
/ows-abin/csadmin?FORM_CODE=CART_CONFIG&CartridgeName=mdeploy/mdeploy
OpenGIF
            = folder_open.gif
CloseGIF
                 = folder_closed.gif
Components
                 = AppCartxConfTuning, AppCartxConfVP, AppCartxConfJWeb
 \verb|[O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy.AppCartx.mdeploy.AppCartxConf.AppCartxConfTuning]| \\
DisplayName
              = "Tuning"
ConfigURL
/ows-abin/csadmin?FORM_CODE=LOAD_CONFIG&CartridgeName=mdeploy/mdeploy
OpenGIF
              = propsheet.gif
CloseGIF
                  = propsheet.gif
 \verb|[O_A_S_S_I_T_E_N_A_M_E.cartx.mdeploy.AppCartx.mdeploy.AppCartxConf.AppCartxConfVP]| \\
             = "Virtual Path"
= /ows-abin/csadmin?FORM_CODE=VPATH&CartridgeName=mdeploy/mdeploy
DisplayName
ConfigURL
OpenGIF
                 = propsheet.gif
CloseGIF
                  = propsheet.gif
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.mdeploy.AppCartx.mdeploy.AppCartxConf.AppCartxConfJWeb]} \\
DisplayName
                  = "JWeb Parameters"
ConfigURL
/ows-abin/csadmin?FORM_CODE=JWEB_PAR_CONF&CartridgeName=mdeploy/mdeploy
OpenGIF
               = propsheet.gif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots]
ConfigURL
                 = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=ots
OpenGIF
                  = app.gif
CloseGIF
                  = app.gif
```

```
Components
                   = AppConf, AppCartx
InternalName
                 = ots
ComponentType
                 = App
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppConf]
DisplayName = "Configuration"

ConfigURL = /ows-abin/csadmin?FORM_CODE=DISPLAY_CONFIG&ServerName=ots
OpenGIF
                  = folder_open.gif
CloseGIF
                  = folder closed.gif
                  = AppConfSrv, AppConfEnv, AppConfLog, AppConfJava, AppConfWeb,
Components
AppConfTxProperty
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.ots.AppConf.AppConfSrv]
DisplayName = "Server"
ConfigURL
                 = /ows-abin/csadmin?FORM_CODE=SERVER_CONFIG&ServerName=ots
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppConf.AppConfEnv]
DisplayName = "Environment Variables"

ConfigURL = /ows-abin/csadmin?FORM_CODE=ENV_CONFIG&ServerName=ots
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppConf.AppConfLog]
DisplayName = "Logging"
ConfigURL
                 = /ows-abin/csadmin?FORM_CODE=LOG_CONFIG&ServerName=ots
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.qif
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppConf.AppConfJava]
DisplayName = "Java Environment"
                 = /ows-abin/csadmin?FORM_CODE=JAVA_PARAM_CONFIG&ServerName=ots
ConfigURL
OpenGIF
                 = propsheet.qif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppConf.AppConfWeb]
DisplayName = "Web Parameters"
                 = /ows-abin/csadmin?FORM_CODE=WEB_CONFIG&ServerName=ots
= propsheet.gif
ConfigURL
OpenGIF
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppConf.AppConfTxProperty]
DisplayName = "Tx Property"

ConfigURL = /ows-abin/csadmin?FORM_CODE=TXN_PROP&ServerName=ots
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.qif
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppCartx]
DisplayName
                  = "Cartridges"
ConfigURL
/ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=CARTX&APPNAME=ots&NAME=ots
OpenGIF = cart_node_open.gif
CloseGIF
                 = cart_node_closed.gif
                 = cartx/ots
InternalName
Components
                 = ots
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppCartx.ots]
ConfigURL
                 = /ows-abin/oasadmin?FORM CODE=MAIN&COMPONENT=APP&NAME=ots
```

```
naynaa 1 1 nan
```

```
OpenGIF
                                    = app.gif
CloseGIF
                                   = app.gif
Components
                                 = AppCartxConf
                                = ots/ots
InternalName
ComponentType
                                 = Cartx
[0\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.ots.AppCartx.ots.AppCartxConf]
DisplayName = "Configuration"
                                   = /ows-abin/csadmin?FORM_CODE=CART_CONFIG&CartridgeName=ots/ots
ConfigURL
OpenGIF
                                   = folder_open.gif
CloseGIF
                                   = folder closed.gif
Components
                                   = AppCartxConfTuning, AppCartxConfVP, AppCartxConfJWeb
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.ots.AppCartx.ots.AppCartxConf.AppCartxConfTuning] \\
DisplayName = "Tuning"
ConfigURL
                                  = /ows-abin/csadmin?FORM_CODE=LOAD_CONFIG&CartridgeName=ots/ots
OpenGIF
                                 = propsheet.gif
CloseGIF
                                 = propsheet.gif
 [ \texttt{O\_A\_S\_S\_I\_T} \_ \texttt{E\_N\_A\_M\_E}. \texttt{cartx.ots.AppCartx.ots.AppCartxConf.AppCartxConfVP} ] 
DisplayName = "Virtual Path"

ConfigURL = /ows-abin/csadmin?FORM_CODE=VPATH&CartridgeName=ots/ots
OpenGIF
                                 = propsheet.gif
CloseGIF
                                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx.ots.AppCartx.ots.AppCartxConf.AppCartxConfJWeb]
DisplayName = "JWeb Parameters"
ConfigURL
                                 = /ows-abin/csadmin?FORM_CODE=JWEB_PAR_CONF&CartridgeName=ots/ots
OpenGIF
                                 = propsheet.gif
                                   = propsheet.gif
CloseGIF
[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppCartx.cdeploy]
                     = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP&NAME=cdeploy
ConfigURL
OpenGIF
                                 = app.gif
CloseGIF
                                 = app.gif
Components
                                 = AppCartxConf
InternalName
                                 = cdeploy/cdeploy
ComponentType
                                 = Cartx
[ \texttt{O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeploy.AppCartx.cdeplo
DisplayName
                                   = "Configuration"
ConfigURL
/ows-abin/csadmin?FORM_CODE=CART_CONFIG&CartridgeName=cdeploy/cdeploy
OpenGIF
                      = folder_open.gif
CloseGIF
                                 = folder_closed.gif
Components
                                 = AppCartxConfTuning, AppCartxConfVP, AppCartxConfJWeb
 \verb|[O_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.cdeploy.AppCartx.cdeploy.AppCartxConf.AppCartxConfTuning]| \\
DisplayName
                                   = "Tuning"
ConfigURL
/ows-abin/csadmin?FORM_CODE=LOAD_CONFIG&CartridgeName=cdeploy/cdeploy
OpenGIF
                                   = propsheet.gif
CloseGIF
                                   = propsheet.qif
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.cartx.cdeploy.AppCartx.cdeploy.AppCartxConf.AppCartxConfVP]\\
DisplayName
                                  = "Virtual Path"
                                   = /ows-abin/csadmin?FORM_CODE=VPATH&CartridgeName=cdeploy/cdeploy
ConfigURL
OpenGIF
                                  = propsheet.gif
CloseGIF
                                  = propsheet.gif
```

```
 \verb|[O_A_S_S_I_T_E_N_A_M_E.cartx.cdeploy.AppCartx.cdeploy.AppCartxConf.AppCartxConfJWeb]| \\
DisplayName
                   = "JWeb Parameters"
ConfigURL
/ows-abin/csadmin?FORM_CODE=JWEB_PAR_CONF&CartridgeName=cdeploy/cdeploy
OpenGIF
                   = propsheet.gif
CloseGIF
                   = propsheet.gif
~~~TEMPLATE: \web\site_e.app
[root]
Components
                   = wrb, dispatchers, cartx, orb, ots
DisplayName
                  = "O_A_S_S_I_T_E_N_A_M_E Site"
                  = OASSITENAME
InternalName
ConfigURL
                  = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=SITE
OpenGIF
                  = site.gif
CloseGIF
                  = site.gif
NodesList
                 = H_O_S_T_NAME
StartOrder
                 = orb, wrb, dispatchers, cartx
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.H\_O\_S\_T\_N\_A\_M\_E]
NodeManagerPort = O_A_S_N_O_D_E
NodeType
                  = Primary
InstallationType
                 = List,Wrb,Cartx
UserName
                  = admin
Password
                 = JPPMDBLOKGHDOJMC
DomainName
                 = D_O M A I N
[O_A_S_S_I_T_E_N_A_M_E.ots]
TreeLocation = O_A_S_S_I_T_E_N_A_M_E.wrb
JavaClass
                  = oracle.ots.mgmt.OtsTree
[O_A_S_S_I_T_E_N_A_M_E.orb]
;TreeLocation = O_A_S_S_I_T_E_N_A_M_E.wrb
;JavaClass
                  = oracle.orb.mgmt.OrbTree
Processes
                  = orbproc
[O_A_S_S_I_T_E_N_A_M_E.orb.orbproc]
StartCmd
                  = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
start ALL
StopCmd
                  = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi stop
ALL
MonitorCmd
                  = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
monitor ALL
ReloadCmd
                  = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
reload ALL
[O_A_S_S I T E N A M E.wrb]
Components
                 = logging, security, dad, frecovery, orb
DisplayName
                  = "Oracle Application Server"
InternalName
Processes
wrbcfg,wrblog,wrbroker,wrbahsrv,wrbasrv,wrbrmpxy,wrksf,wrbmon,otsfacsrv
CollapseProcesses = oassrv, wrksf, otsfacsrv
ConfigURL
                  = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=WRB&NAME=wrb
OpenGIF
                  = oas.gif
CloseGIF
                  = oas.gif
ReloadOrder
wrb/wrblog,wrb/wrbahsrv,wrb/wrbasrv,wrb/wrksf,wrb/cartxSrv,wrb/wrbroker,wrb/wrbrmpxy,wrb/
wrbmon, wrb/otsfacsrv, dispatchers
```

```
[O_A_S_S_I_T_E_N_A_M E.wrb.logging]
        Components = system, attribute, xlf
DisplayName = "Logging"
        ConfigURL
                           = /ows-abin/lgadmin?FORM_CODE=LOGGER_MAIN
= folder_open.gif
        OpenGIF
        CloseGIF
                            = folder_closed.gif
         [O_A_S_S_I_T_E_N_A_M_E.wrb.logging.system]
        DisplayName = "System"

ConfigURL = /ows-abin/lgadmin?FORM CODE=LOGGER SYS
OpenGIF = propsheet.gif
                            = propsheet.gif
        CloseGIF
         [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.logging.attribute]
        DisplayName = "Attribute"
        ConfigURL
                            = /ows-abin/lgadmin?FORM CODE=LOGGER ATTR
        OpenGIF
                         = propsheet.gif
= propsheet.gif
        CloseGIF
         [O_A_S_S_I_T_E_N_A_M_E.wrb.logging.xlf]
        DisplayName = "XLF"
ConfigURL = /ows-abin/lgadmin?FORM_CODE=LOGGER_XLF
: 🖺
        OpenGIF
                            = propsheet.gif
        CloseGIF
                            = propsheet.gif
         [O_A_S_S_I_T_E_N_A_M_E.wrb.security]
Components = basic, digest, ip, domain, database, crypt, certificate
                        = "Security"
= /ows-abin/atadmin?FORM_CODE=AUTH_CONFIG_FORM
= folder_open.gif
= folder_closed.gif
        DisplayName
: 🖺
        ConfigURL
Ħ
        OpenGIF
;;
        CloseGIF
===
        [O_A_S_S_I_T_E_N_A_M_E.wrb.security.basic]
<del>-</del>2
        DisplayName = "Basic"
ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_BASIC_FORM
IJ
        OpenGIF
                         = propsheet.gif
= propsheet.gif
        CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.wrb.security.digest]
        DisplayName = "Digest"
ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_DIGEST_FORM
        OpenGIF
                            = propsheet.gif
                            = propsheet.gif
        CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.wrb.security.ip]
        DisplayName = "IP"

ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_IP_FORM
        OpenGIF
                            = propsheet.gif
        CloseGIF
                             = propsheet.gif
        [O_A_S_S_I_T_E N A M E.wrb.security.domain]
        DisplayName = "Domain"
        ConfigURL
                             = /ows-abin/atadmin?FORM_CODE=AUTH_DOMAIN FORM
        OpenGIF
                            = propsheet.gif
        CloseGIF
                            = propsheet.gif
        \label{eq:conditional_security} \begin{subarray}{ll} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.security.database] \end{subarray}
        DisplayName = "Basic_Oracle"
```

```
ConfigURL
                    = /ows-abin/atadmin?FORM CODE=AUTH BASIC ORACLE FORM
                    = propsheet.gif
OpenGIF
CloseGIF
                    = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.security.crypt]
DisplayName = "Crypt"

ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_CRYPT_FORM

OpenGIF = propsheet.gif

CloseGIF = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate]
               = realms, servers, acls
= "Certificate"
Components
DisplayName
ConfigURL
                    = /ows-adoc/blank.html
            = folder_open.gif
= folder_closed.gif
OpenGIF
CloseGIF
[O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate.realms]
DisplayName = "Realms"
ConfigURL = /ows-abin/csadmin?FORM_CODE=CERT_REALM_MAIN
OpenGIF
                    = folder_open.gif
             = folder_closed.gif
CloseGIF
[O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate.servers]
DisplayName = "Servers"
ConfigURL = /ows-abin/csadmin?FORM_CODE=CERT_SERVER_MAIN
                    = folder_open.gif
= folder_closed.gif
OpenGIF
CloseGIF
[O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate.acls]
DisplayName = "ACLs"

ConfigURL = /ows-abin/csadmin?FORM_CODE=CERT_ACL_MAIN
                 = folder_open.gif
= folder_closed.gif
OpenGIF
CloseGIF
[O_A_S_S_I_T_E_N_A_M_E.wrb.orb]
DisplayName = "ORB Configuration"

ConfigURL = /ows-abin/orbmgr?file=gencfg

OpenGIF = propsheet.gif

CloseGIF = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.oassrv]
DisplayName = "Oracle Application Server"
ComponentType = Wrb
InternalName
                    = oassrv
                     = H_O_S_T_N_A_M_E
\hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.oassrv.H\_O\_S\_T\_N\_A\_M\_E]}
Instances
                    = 1
[O_A_S_S_I_T_E_N_A_M E.wrb.otsfacsrv]
                 = "Transaction Server Factory"
DisplayName
ComponentType
                    = Wrb
InternalName
                    = otsfacsrv
Nodes
                    = H_O_S_T_N_A_M_E
[O_A_S_S_I_T_E_N_A_M_E.wrb.otsfacsrv.H_O_S_T_N_A_M_E]
Instances
                    = 1
:
```

```
[O_A_S_S_I_T_E_N_A_M E.wrb.wrbmon]
        DisplayName = "Monitoring Daemon"
ComponentType = Wrb
        InternalName
                           = wrbmon
        Nodes
                             = H_O_S_T_N_A_M_E
        [O_A_S_S_I_T_E_N_A_M_E.wrb.wrbmon.H_O_S_T_N_A_M_E]
        Instances
        [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrblog]
        DisplayName
                         = "Log Server"
        ComponentType
                            = Wrb
        InternalName
                           = wrblog
        Nodes
                           = H_O_S_T_N_A_M_E
        [O_A_S_S_I_T_E_N_A_M_E.wrb.wrblog.H_O_S_T_N_A_M_E]
        Instances
        [O_A_S_S_I_T_E_N_A_M_E.wrb.wrksf]
        DisplayName = "Cartridge Server Factory"
ComponentType = Wrb
        ComponentType
InternalName
                           = wrksf
        Nodes
                           = H_O_S_T_N_A_M_E
         [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrksf.H\_O\_S\_T\_N\_A\_M\_E] \\
        Instances
                            = 1
        [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbroker]
                        = "Resource Manager"
= Wrb
        DisplayName
:0
        ComponentType
ij
        InternalName
                            = wrbroker
        Nodes
#1
                            = H_O_S_T_N_A_M_E
---
         \begin{center} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbroker.H\_O\_S\_T\_N\_A\_M\_E] \end{center} 
<u>_</u>
        Instances
        [O_A_S_S_I_T_E_N_A_M_E.wrb.wrbrmpxy]
                        = "Resource Manager Proxy"
= Wrb
= wrbrmpxy
        DisplayName
        ComponentType
        InternalName
        Nodes
                            = H_O_S_T_N_A_M_E
         \begin{center} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbrmpxy.H\_O\_S\_T\_N\_A\_M\_E] \end{center} 
        Instances
        [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbcfg]
                         = "Configuration Provider"
        DisplayName
        ComponentType
                            = Wrb
        InternalName
                            = wrbcfq
        Nodes
                             = H_O_S_T_N_A_M_E
        Instances
                           = 1
        [O_A_S_S_I_T_E_N_A_M_E.wrb.wrbasrv]
        DisplayName
                           = "Authentication Server"
        ComponentType
                            = Wrb
        InternalName
                            = wrbasrv
        Nodes
                            = H_O_S_T_N_A_M_E
```

```
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbasrv.H_O_S_T_N_A_M_E]
Instances
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbahsrv]
               = "Authentication Host Server"
DisplayName
                  = Wrb
ComponentType
InternalName
                  = wrbahsrv
Nodes
                  = H_O_S T N A M E
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbahsrv.H_O S T N A M E]
Instances
; [O_A_S_S_I_T_E_N_A_M_E.wrb.wrbvpm]
               = "Virtual Path Manager"
;DisplayName
                  = Wrb
; ComponentType
;InternalName
                  = wrbvpm
;Nodes
                   = H_O_S_T_N_A_M_E
;[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbvpm.H_O_S_T_N_A_M_E]
;Instances
[O_A_S_S_I_T_E_N_A_M_E.dispatchers]
Components
              = dispproc
                 = "HTTP Listeners"
DisplayName
InternalName
                 = dispatchers
ConfigURL
                  = /ows-abin/oasadmin?FORM CODE=MAIN&COMPONENT=LIST&NAME=dispatchers
OpenGIF
                  = listener node open.gif
CloseGIF
                  = listener_node_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc]
Components
              = Net, Srv, UsrGrp, Dir, Lang, Mime, Enc, CaRoot, Sec
ComponentType
                 = Disp
ConfigURL
                 = /ows-abin/oasadmin?FORM CODE=MAIN&COMPONENT=LIST&NAME=dispatchers/
OpenGIF
                 = listener.gif
CloseGIF
                 = listener.qif
[O_A_S_S_I_T_E_N A M E.dispatchers.dispproc.Net]
DisplayName = "Network"

ConfigURL = /ows-abin/wladmin?CONFIG_CODE=NETWORK&orig_name=
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Srv]
DisplayName = "Server"
ConfigURL
                 = /ows-abin/wladmin?CONFIG CODE=SERVER&orig name=
OpenGIF
                 = propsheet.gif
CloseGIF
                  = propsheet.qif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.UsrGrp]
DisplayName
            = "User/Group"
= /ows-abin/wladmin?CONFIG_CODE=UG&orig_name=
ConfigURL
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Dir]
DisplayName
                  = "Directory"
ConfigURL
                  = /ows-abin/wladmin?CONFIG_CODE=DIR&orig_name=
```

```
OpenGIF
                           = propsheet.gif
        CloseGIF
                           = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Lang]
        DisplayName = "Language"
        ConfigURL
                         = /ows-abin/wladmin?CONFIG CODE=LANG&orig name=
        OpenGIF
                         = propsheet.gif
        CloseGIF
                          = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Mime]
                    = "MIME"
        DisplayName
        ConfigURL
                          = /ows-abin/wladmin?CONFIG_CODE=MIME&orig_name=
        OpenGIF
                         = propsheet.gif
        CloseGIF
                         = propsheet.gif
        {\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.dispatchers.dispproc.Enc]}
       DisplayName = "Encoding"
        ConfigURL
                          = /ows-abin/wladmin?CONFIG_CODE=ENCODING&orig_name=
                         = propsheet.gif
= propsheet.gif
        OpenGIF
        CloseGIF
        [ \texttt{O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.dispatchers.dispproc.CaRoot} ]
       DisplayName = "SSL CA Roots"

ConfigURL = /ows-abin/wladmin?CONFIG_CODE=SSLCA&orig_name=
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
m
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec]
                     = Basic,Digest,IP,Domain,SSL
= "Security"
= /ows-abin/wladmin?CONFIG_CODE=SECURITY&orig_name=
        Components
:0
       DisplayName
ij
       ConfigURL
                         = folder_open.gif
       OpenGIF
::
       CloseGIF
                         = folder_closed.gif
4
4
        [O_A_S_S_I_T_E N A M E.dispatchers.dispproc.Sec.Basic]
       DisplayName = "Basic"
       ConfigURL
                         = /ows-abin/wladmin?CONFIG_CODE=BASIC&orig_name=
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.Digest]
       DisplayName = "Digest"
ConfigURL = /ows-abin/wladmin?CONFIG_CODE=DIGEST&orig_name=
                         = propsheet.gif
       OpenGIF
       CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E N A M E.dispatchers.dispproc.Sec.IP]
       DisplayName = "IP"
       ConfigURL
                         = /ows-abin/wladmin?CONFIG_CODE=IP&orig name=
                          = propsheet.gif
       OpenGIF
                          = propsheet.gif
       CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.Domain]
                     = "Domain"
       DisplayName
       ConfigURL
                         = /ows-abin/wladmin?CONFIG_CODE=DOMAIN&orig_name=
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M E.dispatchers.dispproc.Sec.SSL]
```

```
DisplayName
                   = "SSL"
                   = /ows-abin/wladmin?CONFIG_CODE=SSL&orig_name=
ConfigURL
OpenGIF
                   = propsheet.gif
CloseGIF
                   = propsheet.gif
[O_A_S_S_I_T_E_N A M E.wrb.dad]
DisplayName = "DB Access Descriptor"
ConfigURL
                  = /ows-abin/dadadmin
OpenGIF
                   = dad node closed.qif
CloseGIF
                   = dad node closed.qif
[O_A_S_S_I_T_E_N_A_M_E.wrb.frecovery]
DisplayName = "Failure Recovery"
ConfigURL
                    = /ows-abin/csadmin?FORM_CODE=FAILURE_RECOVERY
OpenGIF
                  = propsheet.gif
CloseGIF
                  = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.cartx]
DisplayName = "Applications"

This real Name = "reb/cartySay"
InternalName
                   = wrb/cartxSrv
                  = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=APP
ConfigURL
                  = app_node_open.gif
OpenGIF
CloseGIF
                  = app_node_closed.gif
~~~TEMPLATE: \web\site_s.app
[root]
Components
                  = wrb,dispatchers,cartx,orb,ots
                  = "O_A_S_S_I_T_E_N_A_M_E Site"

= O_A_S_S_I_T_E_N_A_M_E

= /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=SITE

= site.gif
DisplayName
InternalName
ConfigURL
OpenGIF
CloseGIF
                   = site.gif
                  = H_O_S_T_N_A_M_E
NodesList
StartOrder
                  = orb, wrb, dispatchers, cartx
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.H\_O\_S\_T\_N\_A\_M\_E]} 
NodeManagerPort = O_A_S_N_O_D_E
NodeType
                   = Primary
InstallationType = List, Wrb, Cartx
UserName
          = admin
                   = JPPMDBLOKGHDOJMC
Password
DomainName
                  = D_O_M_A_I_N
[O_A_S_S_I_T_E_N_A_M_E.ots]
TreeLocation = O_A_S_S_I_T_E_N_A_M_E.wrb
JavaClass = oracle.ots.mgmt.OtsTree
[O_A_S_S_I_T_E_N_A_M_E.orb]
;TreeLocation = O_A_S_S_I_T_E_N_A_M_E.wrb
;JavaClass = oracle.orb.mgmt.OrbTree
Processes
                   = orbproc
[O_A_S_S_I_T_E_N_A_M_E.orb.orbproc]
StartCmd
                    = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
start ALL
StopCmd
                    = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi stop
ALL
MonitorCmd
                    = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
```

```
monitor ALL
       ReloadCmd
                          = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/oasoctl.cgi
       reload ALL
       [O_A_S_S_I_T_E_N A M E.wrb]
       Components
                    = logging,security,dad,frecovery,orb
       DisplayName
                        = "Oracle Application Server"
                    = wrb
= wrbcfg, wrblog, wrbroker, wrbahsrv, wrbasrv, wrbrmpxy, wrksf, wrbmon
       InternalName
       Processes
       CollapseProcesses = oassrv, wrksf
       ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=WRB&NAME=wrb
       OpenGIF
                         = oas.gif
       CloseGIF
                        = oas.gif
       ReloadOrder
       wrb/wrblog,wrb/wrbahsrv,wrb/wrbasrv,wrb/wrksf,wrb/cartxSrv,wrb/wrbroker,wrb/wrbrmpxy,wrb/
       wrbmon, dispatchers
       [O_A_S_S_I_T_E_N_A_M_E.wrb.logging]
       Components = system, attribute, xlf
DisplayName = "Logging"
       ConfigURL
                        = /ows-abin/lgadmin?FORM_CODE=LOGGER_MAIN
       OpenGIF
                        = folder_open.gif
ij
       CloseGIF
                        = folder_closed.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.logging.system]
       DisplayName = "System"
IJ
       ConfigURL
                        = /ows-abin/lgadmin?FORM CODE=LOGGER SYS
OpenGIF
                        = propsheet.gif
       CloseGIF
                         = propsheet.gif
: 🗂
ij
       [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.logging.attribute]
::
       DisplayName = "Attribute"
       ConfigURL
===
                         = /ows-abin/lgadmin?FORM CODE=LOGGER ATTR
       OpenGIF
                        = propsheet.qif
=
       CloseGIF
                        = propsheet.gif
Ш
       [O_A_S_S_I_T_E_N_A_M_E.wrb.logging.xlf]
       DisplayName = "XLF"
       ConfigURL
                         = /ows-abin/lgadmin?FORM CODE=LOGGER XLF
                        = propsheet.gif
= propsheet.gif
       OpenGIF
       CloseGIF
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security]
                    = basic,digest,ip,domain,database,crypt,certificate
= "Security"
       Components
       DisplayName
       ConfigURL
                        = /ows-abin/atadmin?FORM_CODE=AUTH_CONFIG_FORM
       OpenGIF
                        = folder open.gif
       CloseGIF
                        = folder_closed.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.basic]
       DisplayName = "Basic"
       ConfigURL
                         = /ows-abin/atadmin?FORM_CODE=AUTH_BASIC_FORM
       OpenGIF
                        = propsheet.gif
       CloseGIF
                        = propsheet.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.digest]
       DisplayName = "Digest"
       ConfigURL
                         = /ows-abin/atadmin?FORM_CODE=AUTH_DIGEST_FORM
       OpenGIF
                        = propsheet.gif
```

```
CloseGIF
                           = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.wrb.security.ip]
       DisplayName = "IP"
ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_IP_FORM
       OpenGIF
                         = propsheet.gif
       CloseGIF
                          = propsheet.gif
        [O_A_S_S_I_T_E_N_A M E.wrb.security.domain]
       DisplayName = "Domain"
ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_DOMAIN_FORM
       OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.wrb.security.database]
       DisplayName = "Basic_Oracle"
                          = /ows-abin/atadmin?FORM_CODE=AUTH_BASIC_ORACLE_FORM
       ConfigURL
       OpenGIF
                          = propsheet.gif
                         = propsheet.gif
       CloseGIF
        [O_A_S_S_I_T_E_N A M E.wrb.security.crypt]
       DisplayName = "Crypt"
ConfigURL = /ows-abin/atadmin?FORM_CODE=AUTH_CRYPT_FORM
Ē
OpenGIF
                         = propsheet.gif
       CloseGIF
                         = propsheet.gif
        [O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate]
Components = realms, servers, acls
                      = "Certificate"
= /ows-adoc/blank.html
= folder_open.gif
= folder_closed.gif
:0
       DisplayName
       ConfigURL
Ţ
       OpenGIF
11
       CloseGIF
=
        [O_A_S_S_I_T_E_N_A_M E.wrb.security.certificate.realms]
=
       DisplayName = "Realms"
ConfigURL
                         = /ows-abin/csadmin?FORM_CODE=CERT REALM MAIN
ليا
                      = folder_open.gif
= folder_closed.gif
       OpenGIF
       CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate.servers]
       DisplayName = "Servers"
ConfigURL = /ows-abin/csadmin?FORM_CODE=CERT_SERVER_MAIN
       OpenGIF
                         = folder_open.gif
       CloseGIF
                         = folder closed.qif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.security.certificate.acls]
       DisplayName = "ACLs"
       ConfigURL
                         = /ows-abin/csadmin?FORM_CODE=CERT_ACL_MAIN
                         = folder_open.gif
       OpenGIF
       CloseGIF
                          = folder_closed.gif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.orb]
       DisplayName = "ORB Configuration"
ConfigURL = /ows-abin/orbmgr?file=gencfg
                         = propsheet.gif
       OpenGIF
       CloseGIF
                         = propsheet.qif
       [O_A_S_S_I_T_E_N_A_M_E.wrb.oassrv]
       DisplayName
                         = "Oracle Application Server"
```

```
ComponentType
                   = Wrb
InternalName
                   = oassrv
Nodes
                    = H_O_S_T_N_A_M_E
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.oassrv.H\_O\_S\_T\_N\_A\_M\_E] } 
Instances
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.otsfacsrv]
DisplayName
                = "Transaction Server Factory"
ComponentType
                    = Wrb
InternalName
                  = otsfacsrv
Nodes
                   = H_O_S_T_N_A_M_E
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.otsfacsrv.H\_O\_S\_T\_N\_A\_M\_E]} \\
Instances
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbmon]
DisplayName = "Monitoring Daemon"
ComponentType = Wrb
                   = wrbmon
InternalName
                   = H_O_S_T_N_A_M_E
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbmon.H_O_S_T_N_A_M_E]
Instances
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrblog]
                = "Log Server"
= Wrb
DisplayName
ComponentType
                   = wrblog
InternalName
Nodes
                    = H_O_S_T_N_A_M_E
Instances
                    = 1
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrksf]
               = "Cartridge Server Factory"
= Wrb
DisplayName
ComponentType
InternalName
                   = wrksf
Nodes
                    = H_O_S_T_N_A_M_E
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrksf.H\_O\_S\_T\_N\_A\_M\_E]
Instances
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbroker]
DisplayName = "Resource Manager"
ComponentType = Wrb
InternalName
                   = wrbroker
                    = H_O_S_T_N_A_M_E
[O_A_S_S_I_T_E_N_A_M_E.wrb.wrbroker.H_O_S_T_N_A_M_E]
Instances
{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbrmpxy]}
                 = "Resource Manager Proxy"
DisplayName
ComponentType
                   = Wrb
InternalName
                   = wrbrmpxy
Nodes
                   = H_O_S_T_N_A_M_E
 \begin{subarray}{ll} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbrmpxy.H\_O\_S\_T\_N\_A\_M\_E] \\ \end{subarray}
```

```
Instances
               = 1
 [O_A_S_S_I_T_E_N_A_M_E.wrb.wrbcfg]
DisplayName = "Configuration Provider"
ComponentType = Wrb
InternalName
                    = wrbcfg
Nodes
                     = H_O_S T N A M E
 [O_A_S_S_I_T_E_N_A_M_E.wrb.wrbcfg.H_O_S_T_N_A_M_E]
Instances
 \label{eq:conditional} \mbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbasrv]}
                  = "Authentication Server"
DisplayName
ComponentType
                     = Wrb
InternalName
                    = wrbasrv
Nodes
                    = H_O_S_T_N_A_M_E
  \begin{center} [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbasrv.H\_O\_S\_T\_N\_A\_M\_E] \end{center} 
Instances
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbahsrv]
DisplayName = "Authentication Host Server"
ComponentType = Wrb
InternalName
                    = wrbahsrv
Nodes
                     = H_O_S_T_N_A_M_E
 \hbox{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbahsrv.H\_O\_S\_T\_N\_A\_M\_E] } \\
Instances
                     = 1
; [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.wrb.wrbvpm]
                   = "Virtual Path Manager"
= Wrb
;DisplayName
; ComponentType
;InternalName
                      = wrbvpm
;Nodes
                      = H_O_S_T_N_A_M_E
; [O_A_S_S_I_T_E_N_A_M_E.wrb.wrbvpm.H_O_S_T_N_A_M_E]
;Instances
[O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.dispatchers]
Components = dispproc
DisplayName = "HTTP Listeners"
InternalName = dispatchers
ConfigURL = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=LIST&NAME=dispatchers
OpenGIF
                    = listener_node_open.gif
CloseGIF
                    = listener_node_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc]
Components
               = Net, Srv, UsrGrp, Dir, Lang, Mime, Enc, CaRoot, Sec
                  = Disp
ComponentType
ConfigURL
                   = /ows-abin/oasadmin?FORM_CODE=MAIN&COMPONENT=LIST&NAME=dispatchers/
= listener.gif
OpenGIF
CloseGIF
                     = listener.qif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Net]
DisplayName
                    = "Network"
ConfigURL
                     = /ows-abin/wladmin?CONFIG_CODE=NETWORK&orig_name=
OpenGIF
                     = propsheet.qif
CloseGIF
                     = propsheet.gif
```

```
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.UsrGrp]
        DisplayName = "User/Group"
                          = /ows-abin/wladmin?CONFIG_CODE=UG&orig_name=
= propsheet.gif
= propsheet.gif
        ConfigURL
        OpenGIF
        CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Dir]
        DisplayName = "Directory"
        ConfigURL
                           = /ows-abin/wladmin?CONFIG CODE=DIR&orig name=
        OpenGIF
                      = propsheet.gif
= propsheet.gif
        CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Lang]
        DisplayName = "Language"
ConfigURL = /ows-abin/wladmin?CONFIG_CODE=LANG&orig_name=
                      propsheet.gif
propsheet.gif
        OpenGIF
        CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Mime]
        DisplayName = "MIME"

ConfigURL = /ows-abin/wladmin?CONFIG_CODE=MIME&orig_name=
Ū
                           = propsheet.gif
        OpenGIF
        CloseGIF
                           = propsheet.gif
Ħ
::
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Enc]
       DisplayName = "Encoding"

ConfigURL = /ows-abin/wladmin?CONFIG_CODE=ENCODING&orig_name=
u-li
==
                       = propsheet.gif
= propsheet.gif
        OpenGIF
        CloseGIF
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.CaRoot]
        DisplayName = "SSL CA Roots"

ConfigURL = /ows-abin/wladmin?CONFIG_CODE=SSLCA&orig_name=
        OpenGIF
                           = propsheet.gif
        CloseGIF
                           = propsheet.gif
        [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.dispatchers.dispproc.Sec]
       Components = Basic, Digest, IP, Domain, SSL
DisplayName = "Security"
                        = /ows-abin/wladmin?CONFIG_CODE=SECURITY&orig_name=
= folder_open.gif
        ConfigURL
        OpenGIF
        CloseGIF
                           = folder_closed.gif
        [O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.Basic]
```

[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Srv]

= propsheet.gif

= propsheet.qif

OpenGIF

CloseGIF

DisplayName = "Server"
ConfigURL = /ows-abin/wladmin?CONFIG_CODE=SERVER&orig_name=

= propsheet.gif

= propsheet.gif

= "Digest"

[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.Digest]

= /ows-abin/wladmin?CONFIG_CODE=BASIC&orig name=

= /ows-abin/wladmin?CONFIG_CODE=DIGEST&orig_name=

DisplayName = "Basic"

ConfigURL

OpenGIF

CloseGIF

DisplayName

ConfigURL

```
OpenGIF
                  = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M E.dispatchers.dispproc.Sec.IP]
DisplayName = "IP"
ConfigURL
                = /ows-abin/wladmin?CONFIG_CODE=IP&orig_name=
OpenGIF
                 = propsheet.gif
CloseGIF
                 = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.dispatchers.dispproc.Sec.Domain]
DisplayName = "Domain"
ConfigURL
                 = /ows-abin/wladmin?CONFIG_CODE=DOMAIN&orig_name=
OpenGIF
                = propsheet.gif
CloseGIF
                = propsheet.gif
{\tt [O\_A\_S\_S\_I\_T\_E\_N\_A\_M\_E.dispatchers.dispproc.Sec.SSL]}
DisplayName = "SSL"
ConfigURL
                 = /ows-abin/wladmin?CONFIG_CODE=SSL&orig_name=
                 = propsheet.gif
OpenGIF
CloseGIF
                = propsheet.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.dad]
DisplayName = "DB Access Descriptor"
ConfigURL = /ows-abin/dadadmin
OpenGIF
                = dad node closed.gif
CloseGIF
                = dad_node_closed.gif
[O_A_S_S_I_T_E_N_A_M_E.wrb.frecovery]
DisplayName = "Failure Recovery"

ConfigURL = /ows-abin/csadmin?FORM_CODE=FAILURE_RECOVERY
                = propsheet.gif
OpenGIF
                = propsheet.gif
CloseGIF
[O_A_S_S_I_T_E_N A M E.cartx]
DisplayName = "Applications"
InternalName
                = wrb/cartxSrv
ConfigURL
                = /ows-abin/oasadmin?FORM CODE=MAIN&COMPONENT=APP
OpenGIF
                = app_node_open.gif
CloseGIF
                = app_node_closed.gif
~~~TEMPLATE: \web\svadmin.cfg
[MultiPort]
ANY O_A_S_B_A_S_E14 NORM
                                H_O_S_T_N_A_M_E.D_O M A I N
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/admin/
NONE
ANY
      O_A S B A S E14 NORM
                               HOSTNAME
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/admin/
NONE
[NetInfo]
MaxConnectCount
                          = 500
;DNSResolution
                          = NEVER
DNSResolution
                            ALWAYS
ServerPID
dmin.pid
;
; Log Information
```

```
; Set values for ...
       LogInfoFile ... Information (Audit) Log file
       AdminFile
                    ... Error Log File
       TimeStyle
                   ... Time Style
[LogParams]
AdminRollover
                        = never
TimeStyle
                 = LOCAL
AdminFile
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/admin/sva
dmin.err
; Uncomment the ConnectionLogs section if logging is to be done
; Specify the correct filename in place of 'FILENAME'
; [ConnectionLogs]
; FILENAME
             CLF
                    {clf}
; Server Parameters
; Set values for ...
      RequestTimeout
                           ... Time out for incoming requests
       ResponseTimeout
ï
                           ... Time out for outgoing responses
      ScriptTimeout
                           ... Time out for Script response time
[Server]
InitialFile
                   = adminIndex.html
DefaultMIMEType
                 = application/octet-stream
; UserDir
                    = public_html
; UserDirInitialFile = myinitial.html
DefaultCharset
                  = iso-8859-1
PreferredLanguage = en
ImageMap
                   = map
UseDirIndexing
                   = FALSE
CGITimeout
                  = 900
FileCaching
                   = ON
; Secure Information Parameters
; Set values for ...
      UserID
                           ... Acquire privileges for User ID
;
      GroupID
                          ... Acquire privileges for Group ID
[SecureInfo]
UserID
                    = I_C_S
GroupID
                    = G_R_O_U_P_N_A_M_E
; Directory Mappings
; List each mapping from a physical directory to a
; virtual directory, including the indicator whether
; the directory contains scripts or whether the
; subdirectories should be mapped recursively (R) or
; non-recursively (N).
; This first line which has ?/ows/4.0/doc needs to be here to keep
; the virtual path ordering correct.
```

```
ORACLEOASPRODBASE/ows/4.0/admin/doc/
                                                            NR
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc/
                                                            NR
                                                                     /ows-doc/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/doc/ NR
                                                              /ows-adoc/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/cgi/
                                                                    /ows-abin/
                                                            CR
ORACLEOASPRODBASE/ows/4.0/admin/classes/
                                                            NR
                                                                     /ows-aclass/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/bin/
                                                            CR
                                                                     /ows-bin/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/img/
                                                            NR
                                                                     /ows-img/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/img/
                                                            NR
                                                                     /ows-aimg/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc/
                                                            NR
; O_RA_CL_EO_AS_PRO_DBAS_E/ows/4.0/demo/
                                                              /demo/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/bin/
                                                            CR
                                                                     /demo/bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/res/
                                                            NR
                                                                   /demo/img/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                     NR
                                                            /demo/src/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/img/
                                                            NR
                                                                   /tr-img/
; Language Extensions
; List for each combination of language type
; and character set one or more unique
; extensions.
[LangExt]
             iso-8859-1
en
                                        eng
en
             unicode-1-1
                                        engU uc
fr-CA
             iso-8859-1
                                        frc
fr-FR
             iso-8859-1
                                        fr
             iso-2022-jp
jp-JP
                                        jр
jp-JP
             unicode-1-1-utf-8
                                        jрU
;
; MIME Types
; List for each combination of MIME Type
; and representation one or more unique
; extensions.
[MIMETypes]
application/octet-stream
                                     bin
application/astound
                                     asd asn
application/fastman
                                     lcc
application/java-archive
                                     jar
application/java-serialized-object
                                     ser
application/java-vm
                                     class
application/mac-binhex40
                                     hqx
application/x-stuffit
                                     sit
application/mbedlet
                                     mbd
application/msword
                                     doc
application/oda
                                     oda
application/pdf
                                     pdf
application/postscript
                                     ai eps ps
application/rtf
                                     rtf
application/studiom
                                     smp
application/timbuktu
                                     tbt
application/vnd.ms-excel
                                     xls xlw xla xlc xlm xlt
application/vnd.ms-powerpoint
                                     ppt pps pot
application/vnd.ms-project
                                     mpp
application/winhlp
                                     hlp
application/x-javascript
                                     js
```

```
application/x-javascript; charset=UTF-8 jsu
application/x-asap
application/x-csh
                                      csh
application/x-dot
                                      dot
application/x-dvi
                                      dvi
application/x-earthtime
                                      etc
application/x-envoy
                                      evy
application/x-excel
                                      xls xlc xll xlm xlw
application/x-gtar
                                      gtar
application/x-cpio
                                      cpio
application/x-hdf
                                      hdf
application/x-latex
                                      latex
application/x-javascript-config
                                      jsc
application/x-maker
                                      fm
application/x-mif
                                      mif mi
application/x-mocha
                                      mocha moc
application/x-msaccess
                                      mdb
application/x-mscardfile
                                      crd
application/x-msclip
                                      clp
application/x-msmediaview
                                      m13 m14
application/x-msmetafile
                                      wmf
application/x-msmoney
                                      mny
application/x-mspublisher
                                      pub
application/x-msschedule
                                      scd
application/x-msterminal
                                      trm
application/x-mswrite
                                      wri
application/x-NET-Install
                                      ins
application/x-netcdf
                                      nc cdf
application/x-ns-proxy-autoconfig
                                      proxy
application/x-pointplus
                                      css
application/x-salsa
                                      slc
application/x-sh
                                      sh
application/x-shar
                                      shar
application/x-sprite
                                      spr sprite
application/x-tar
                                      tar
application/x-tcl
                                      tcl
application/x-perl
                                      pl
application/x-tex
                                      tex
application/x-texinfo
                                      texinfo texi
application/x-timbuktu
                                      tbp
application/x-tkined
                                      tki tkined
application/x-troff-man
                                      man
application/x-troff-me
                                      me
application/x-troff-ms
                                      ms
application/x-troff
                                      t tr roff
application/x-wais-source
                                      src
application/zip
                                      zip
application/pre-encrypted
                                      enc
application/x-pkcs7-crl
                                      crl
application/x-fortezza-ckl
                                      ckl
audio/basic
                          au snd
audio/echospeech
                          es esl
audio/midi
                          midi mid
audio/x-aiff
                          aif aiff aifc
audio/x-wav
                          wav
audio/x-pn-realaudio
                          ra ram
audio/x-pac
                          pac
audio/x-epac
                          pae
audio/x-liveaudio
                          lam
```

```
drawing/x-dwf
                           dwf
image/fif
                           fif
image/gif
                           gif
image/ief
                           ief
image/ifs
                           ifs
image/jpeg
                           jpeg jpg jpe jfif pjpeg pjp
image/png
                           png
                           tiff tif
image/tiff
image/vnd
                           dwg svf
image/wavelet
image/bmp
                           bmp
image/x-photo-cd
                           pcd
image/x-cmu-raster
                           ras
image/x-portable-anymap
                           pnm
image/x-portable-bitmap
                           pbm
image/x-portable-graymap
                          pgm
image/x-portable-pixmap
                           ppm
image/x-rgb
                           rgb
image/x-xbitmap
                           xbm
image/x-xpixmap
                           xpm
image/x-xwindowdump
                           xwd
text/html
                           htm html
text/plain
                           txt c lst java
text/richtext
                           rtx
text/tab-separated-values tsv
text/x-setext
                           etx
text/x-speech
                           talk
video/isivideo
                           fvi
video/mpeg
                           mpeg mpg mpe mpv vbs mpegv
video/x-mpeg2
                          mpv2 mp2v
video/msvideo
                           avi
video/quicktime
                           qt mov moov
video/vivo
                           viv vivo
video/wavelet
                           wv
video/x-sgi-movie
                          movie
x-world/x-svr
                           svr
x-world/x-vrml
                           wrl
x-world/x-vrt
                           vrt
appl/text
                doc
model/vrml wrl vrml
x-conference/x-cooltalk
                           ice
x-gzip
                           qz
x-compress
                           z
x-uuencode
                           uu uue
application/x-x509-ca-cert
                                  cacert
application/x-x509-server-cert
                                  scert
application/x-x509-user-cert
                                  ucert
application/x-x509-email-cert
                                  ecert
[Encodings]
compress
                z
gzip
                gz
[Security]
;SSL {
;CertFile =
                 O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/osskeys/cert.der
               = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/osskeys/servname.der
;DistNameFile
;KeyFile =
                 O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/osskeys/privkey.der
;CADir =
                 O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/ca
```

```
;CRLDir =
                O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/cacrls
;}
Basic {
(Users)
admin: JPPMDBLOKGHDOJMC
(Groups)
dba: admin
(Realms)
Admin Utility Server: dba
[Protection]
              R Basic (Admin Utility Server)
/ows-adoc/
               R Basic (Admin Utility Server)
/ows-abin/
               R Basic (Admin Utility Server)
/ows-bin/
               R Basic (Admin Utility Server)
/ows-doc/
               R Basic (Admin Utility Server)
;/demo/
                R Basic (Admin Utility Server)
                R Basic (Admin Utility Server)
;/demo/bin/
;/demo/src/
                R Basic (Admin Utility Server)
[DynApps]
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/ndwfss.so oracle adp init
~~~TEMPLATE: \web\svcdeply.cfg
;; Oracle Internet Commerce listener information file
;; Copyright (C) 1997 Oracle Corporation. All rights reserved.
[MultiPort]
     O_A_S B A S E22 NORM
                                H_O_S_T_N_A_M_E.D_O_M_A_I_N
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/cdeply/
NONE
[NetInfo]
MaxConnectCount
                             338
DNSResolution
                             NEVER
ServerPID
ly.pid
ï
; Log Information
; Set values for ...
      LogDir
                         ... Place for all log files
      LogInfoFile ... Information (Audit) Log file
      LogErrorFile ... Error Log File
[LogParams]
AdminRollover
                      = never
TimeStyle
                = GMT
AdminFile
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/cdeply/svcdep
ly.err
; Server Parameters
; Set values for ...
```

```
RequestTimeout
                          ... Time out for incoming requests
ï
      ResponseTimeout
                          ... Time out for outgoing responses
      ScriptTimeout
                          ... Time out for Script response time
[Server]
InitialFile
                   = cdeploy.en.htm
DefaultMIMEType
                   = text/html
; UserDir
                    = public_html
; UserDirInitialFile = myinitial.html
DefaultCharset
                   = iso-8859-1
PreferredLanguage
                  = en
ImageMap
                   = map
UseDirIndexing
                   = FALSE
CGITimeout
                   = 900
; Secure Information Parameters
 Set values for ...
      UserID
                          ... Acquire privileges for User ID
      GroupID
                          ... Acquire privileges for Group ID
[SecureInfo]
UserID
                      ICS
GroupID
                      G_R_O_U_P_N_A_M_E
; Directory Mappings
; List each mapping from a physical directory to a
; virtual directory, including the indicator whether
; the directory contains scripts or whether the
; subdirectories should be mapped recursively (R) or
; non-recursively (N).
[DirMaps]
; This first line which has ?/ows/doc needs to be here to keep
; the virtual path ordering correct.
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/deploy/store/templates/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/bin/
                                                     CN
                                                             /ows-bin/
ORACLEOASPRODBASE/ows/4.0/doc/
                                                     NR
                                                            /ows-doc/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admdoc/
                                                     NR
                                                            /ows-adoc/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/img/
                                                     NR
                                                            /ows-img/
;ORACLEOASPRODBASE/ows/4.0/sample/
                                                     ΝR
                                                             /sample/
;O_R_A_C_L_E_O_A_S_P_R_O D B A S E/ows/4.0/sample/bin/ CR
                                                            /sample/bin/
;O_R_A_C_L_E_O_A_S P R O D B A S E/ows/4.0/demo/
                                                            /demo/
;O_R_A_C_L_E_O_A_S_P_R_O D B A S E/ows/4.0/demo/bin/
                                                        CR
                                                                /demo/bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/res/
                                                        NR
                                                           /demo/img/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                   NR
                                                        /demo/src/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/img/
                                                        NR /tr-img/
; File Cache
; List the full virtual filename path or wild-card
; expression denoting one or more files in the Server&s
; virtual file system.
```

```
; [FileCache]
;/products/*
;/products/xr25/Version*.c
;/employees/list/phones
; Language Extensions
; List for each combination of language type
; and character set one or more unique
; extensions.
[LangExt]
en
             iso-8859-1
                                        eng
en
             unicode-1-1
                                        engU uc
fr-CA
             iso-8859-1
                                        frc
fr-FR
             iso-8859-1
                                        fr
jp-JP
             iso-2022-jp
                                        jр
jp-JP
             unicode-1-1-utf-8
                                        jpU
; MIME Types
; List for each combination of MIME Type
; and representation one or more unique
; extensions.
[MIMETypes]
text/html
             htm html
image/jpeg
             jpg jpeg
image/gif
             gif
appl/text
             doc
             txt ksh lst
text/plain
application/pdf pdf
application/postscript ps
x-world/x-vrml wrl vrml
[Encodings]
compress
gzip
;
; The ordering of the DynApps should not be changed
[DynApps]
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/ndwfss.so oracle_adp_init
~~~TEMPLATE: \web\svcstage.cfg
;; Oracle Internet Commerce listener information file
;; Copyright (C) 1997 Oracle Corporation. All rights reserved.
[MultiPort]
      O_A_S_B_A_S_E21
                                  H_O_S_T_N_A_M_E.D_O_M_A_I_N
                         NORM
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/cstage/
NONE
[NetInfo]
MaxConnectCount
                            = 338
DNSResolution
                            = NEVER
```

```
ServerPID
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/svcstage.pid
; Log Information
; Set values for ...
      LogDir
                          ... Place for all log files
       LogInfoFile ... Information (Audit) Log file
       LogErrorFile ... Error Log File
[LogParams]
AdminRollover
                        = never
TimeStyle
                 = GMT
AdminFile
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/svcstage.err
;
; Server Parameters
; Set values for ...
      RequestTimeout
                          ... Time out for incoming requests
      ResponseTimeout
                          ... Time out for outgoing responses
                          ... Time out for Script response time
      ScriptTimeout
[Server]
InitialFile
                  = cstage.en.htm
DefaultMIMEType
                  = text/html
                    = public_html
; UserDir
; UserDirInitialFile = myinitial.html
DefaultCharset
               = iso-8859-1
PreferredLanguage = en
ImageMap
                  = map
UseDirIndexing
                  = FALSE
CGITimeout
                   = 900
; Secure Information Parameters
; Set values for ...
      UserID
                          ... Acquire privileges for User ID
      GroupID
                          ... Acquire privileges for Group ID
[SecureInfo]
UserID
                    = I_C_S
GroupID
                    = G_R_O_U_P_N_A_M_E
; Directory Mappings
; List each mapping from a physical directory to a
; virtual directory, including the indicator whether
; the directory contains scripts or whether the
; subdirectories should be mapped recursively (R) or
; non-recursively (N).
[DirMaps]
; This first line which has ?/ows/doc needs to be here to keep
; the virtual path ordering correct.
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/stage/store/templates/
```

```
;ORACLEOASPRODBASE/ows/4.0/bin/
                                                                /ows-bin/
                                                       CN
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc/
                                                       NR
                                                              /ows-doc/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admdoc/
                                                              /ows-adoc/
                                                       NR
;O_R_A_C_L_E_O A S_P_R_O D B A S E/ows/4.0/img/
                                                       NR
                                                              /ows-img/
;O_R_A_C L E O A S P R O D B A S E/ows/4.0/sample/
                                                       NR
                                                               /sample/
; O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0/sample/bin/ \ CR
                                                              /sample/bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                     NR
                                                              /demo/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/bin/
                                                          CR
                                                                  /demo/bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/res/
                                                          NR /demo/img/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                          /demo/src/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/img/
                                                          NR /tr-img/
; File Cache
; List the full virtual filename path or wild-card
; expression denoting one or more files in the Server{\tt R}{\tt S}
; virtual file system.
;[FileCache]
;/products/*
;/products/xr25/Version*.c
;/employees/list/phones
; Language Extensions
; List for each combination of language type
; and character set one or more unique
; extensions.
[LangExt]
             iso-8859-1
                                         eng
en
             unicode-1-1
                                         engU uc
fr-CA
             iso-8859-1
                                         frc
fr-FR
             iso-8859-1
                                         fr
jp-JP
             iso-2022-jp
                                         jр
jp-JP
             unicode-1-1-utf-8
                                         jpU
; MIME Types
; List for each combination of MIME Type
; and representation one or more unique
; extensions.
[MIMETypes]
text/html
             htm html
image/jpeg
             jpg jpeg
image/gif
             gif
appl/text
             doc
text/plain
             txt ksh lst
application/pdf pdf
application/postscript ps
x-world/x-vrml wrl vrml
[Encodings]
```

```
compress
                                                              Z
 gzip
                                                              qz
 ;
 ; The ordering of the DynApps should not be changed
  [DynApps]
 O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/ndwfss.so oracle_adp_init
 ~~~TEMPLATE: \web\svmstage.cfg
 ;; Oracle Internet Commerce listener information file
 ;; Copyright (C) 1997 Oracle Corporation. All rights reserved.
  [MultiPort]
 ANY O_A_S_B_A_S_E20
                                                                                                NORM
                                                                                                                                   H_OSTNAME.DOMAIN
 O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/mstage/
 NONE
  [NetInfo]
 MaxConnectCount
                                                                                                                       338
 DNSResolution
                                                                                                                      NEVER
 ServerPID
  \verb|O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/mstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmstage/svmst
 ge.pid
; Log Information
; Set values for ...
                          LogDir
                                                                                                       ... Place for all log files
                           LogInfoFile ... Information (Audit) Log file
                           LogErrorFile ... Error Log File
 [LogParams]
AdminRollover
                                                                                            = never
TimeStyle
                                                                   = GMT
AdminFile
 \verb|O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/mstage/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmstape/svmst
ge.err
ï
 ; Server Parameters
 ; Set values for ...
                         RequestTimeout
                                                                                                     ... Time out for incoming requests
                         ResponseTimeout
                                                                                                  ... Time out for outgoing responses
                         ScriptTimeout
 ;
                                                                                                      ... Time out for Script response time
 [Server]
 InitialFile
                                                                       = storDsgr.htm
DefaultMIMEType
                                                                  = text/html
 ; UserDir
                                                                               = public html
 ; UserDirInitialFile = myinitial.html
DefaultCharset = iso-8859-1
PreferredLanguage = en
ImageMap
                                                                        = map
UseDirIndexing
                                                                        = FALSE
CGITimeout
                                                                        = 900
 ; Secure Information Parameters
```

```
; Set values for ...
      UserID
                          ... Acquire privileges for User ID
      GroupID
                           ... Acquire privileges for Group ID
[SecureInfo]
UserID
                      I_C_S
GroupID
                      G_R_O_U_P_N_A_M_E
; Directory Mappings
; List each mapping from a physical directory to a
; virtual directory, including the indicator whether
; the directory contains scripts or whether the
; subdirectories should be mapped recursively (R) or
; non-recursively (N).
[DirMaps]
; This first line which has ?/ows/doc needs to be here to keep
; the virtual path ordering correct.
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec/storemgr/templates/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/stage/store/templates/multimedia/
                                                                         NR
/multimedia_dir/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/oec/demo/bin/
                                                     CN
                                                            /oec-bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/bin/
                                                     CN
                                                             /ows-bin/
;ORACLEOASPRODBASE/ows/4.0/doc/
                                                     NR
                                                            /ows-doc/
; O_RA_CLE_OA_S_PR_OD_BA_S_E/ows/4.0/admdoc/
                                                     NR
                                                            /ows-adoc/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/img/
                                                     NR
                                                            /ows-img/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/sample/
                                                     NR
                                                             /sample/
                                                            /sample/bin/
ORAC LEOASPRODBASE/ows/4.0/sample/bin/ CR
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                            /demo/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/bin/
                                                        CR
                                                                /demo/bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/res/
                                                       NR
                                                           /demo/img/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                   NR /demo/src/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/img/
                                                       NR /tr-img/
; File Cache
; List the full virtual filename path or wild-card
; expression denoting one or more files in the ServerÆs
; virtual file system.
; [FileCache]
;/products/*
;/products/xr25/Version*.c
;/employees/list/phones
; Language Extensions
; List for each combination of language type
; and character set one or more unique
; extensions.
```

```
[LangExt]
              iso-8859-1
                                         eng
en
             unicode-1-1
                                         engU uc
fr-CA
             iso-8859-1
                                         frc
fr-FR
             iso-8859-1
                                         fr
             iso-2022-jp
jp-JP
                                         jр
jp-JP
             unicode-1-1-utf-8
                                         jpU
; MIME Types
; List for each combination of MIME Type
; and representation one or more unique
; extensions.
[MIMETypes]
text/html
             htm html
image/jpeg
             jpg jpeg
image/gif
             gif
appl/text
             doc
text/plain
             txt ksh lst
application/pdf pdf
application/postscript ps
x-world/x-vrml wrl vrml
[Encodings]
compress
                z
gzip
                gz
;The ordering of the DynApps should not be changed
[DynApps]
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/ndwfss.so oracle_adp_init
~~~TEMPLATE: \web\svnode.cfg
[MultiPort]
                   O_A_S_N_O_D_E_P_O_R_T
ANY
                                                       NORM
H_O_S_T_N A M E.D O M A I N /
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/node/ NONE
ANY
                   O_A_S_N_O_D_E_P_O_R_T
                                                       NORM
                                                                          H_O_S_T_N_A_M_E
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/node/ NONE
[NetInfo]
MaxConnectCount
                   = 500
DNSResolution
                   = ALWAYS
ServerPID
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/node/svno
de.pid
[LogParams]
AdminRollover
                   = never
TimeStyle
                   = LOCAL
AdminFile
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/node/svno
```

```
de.err
[ConnectionLogs]
svnode.log
                    CLF
                                        {CLF}
[Server]
InitialFile
                    = welcome.html
DefaultMIMEType
                    = application/octet-stream
DefaultCharset
                    = iso-8859-1
PreferredLanguage = en
ImageMap
                    = map
UseDirIndexing
                    = FALSE
CGITimeout
                    = 900
FileCaching
                    = ON
[SecureInfo]
UserID
                     = I_C_S
GroupID
                       G_R_O_U_P_N_A_M_E
[DirMaps]
 \label{eq:constraint}  O\_R\_A\_C\_L\_E\_O\_A\_S\_P\_R\_O\_D\_B\_A\_S\_E/ows/4.0/admin/doc/\ NR 
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S E/ows/cartx/jweb/ NR
                                                                         /jweb/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/admin/cgi/ CR
                                                                            /orb40-abin/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/orb/4.0/doc/ NR
                                                                     /orb40-adoc/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/cgi/ CR
                                                                            /ows-abin/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/classes/ NR
                                                                                /ows-aclass/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/doc/ NR
                                                                            /ows-adoc/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/img/ NR
                                                                            /ows-aimg/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S E/ows/ NR
                                                             /ows-apps/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/cgi/ CR
                                                                            /ows-deploy/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc/ NR
                                                                     /ows-doc/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/img/ NR
                                                                            /ows-img/
[LangExt]
en
                    iso-8859-1
                                        eng
en
                    unicode-1-1
                                        enqU
                                                            110
fr-CA
                    iso-8859-1
                                        frc
fr-FR
                    iso-8859-1
                                        fr
jp-JP
                    iso-2022-jp
                                        jр
jp-JP
                   unicode-1-1-utf-8 jpU
[MIMETypes]
application/octet-stream bin
application/astound asd
                                         asn
application/fastman lcc
application/java-archive jar
application/java-serialized-object ser
application/java-vm class
application/mac-binhex40 hqx
application/x-stuffit sit
application/mbedlet mbd
```

```
application/msword doc
application/oda
application/pdf
                   pdf
application/postscript ai
                                           eps
                                                              ps
application/rtf
application/studiom smp
application/timbuktu tbt
application/vnd.ms-excel xls
                                             xlw
                                                                xla
                                                                                    xlc
          xlm
application/vnd.ms-powerpoint ppt
                                                  pps
                                                                     pot
application/vnd.ms-project mpp
application/winhlp hlp
application/x-javascript js
application/x-javascript; charset=UTF-8 jsu
application/x-asap asp
application/x-csh csh
application/x-dot dot
application/x-dvi dvi
application/x-earthtime etc
application/x-envoy evy
application/x-excel xls
                                       xlc
                                                           x11
                                                                              xlm
     xlw
application/x-gtar gtar
application/x-cpio cpio
application/x-hdf hdf
application/x-latex latex
application/x-javascript-config jsc
application/x-maker fm
application/x-mif mif
                                      mi
application/x-mocha mocha
                                       moc
application/x-msaccess mdb
application/x-mscardfile crd
application/x-msclip clp
application/x-msmediaview m13
                                             m14
application/x-msmetafile wmf
application/x-msmoney mny
application/x-mspublisher pub
application/x-msschedule scd
application/x-msterminal trm
application/x-mswrite wri
application/x-NET-Install ins
application/x-netcdf nc
                                        cdf
application/x-ns-proxy-autoconfig proxy
application/x-pointplus css
application/x-salsa slc
application/x-sh
application/x-shar shar
application/x-sprite spr
                                        sprite
application/x-tar tar
application/x-tcl tcl
application/x-perl pl
application/x-tex tex
application/x-texinfo texinfo
                                         texi
application/x-timbuktu tbp
application/x-tkined tki
                                        tkined
application/x-troff-man man
application/x-troff-me me
application/x-troff-ms ms
application/x-troff t
                                       tr
                                                           roff
```

```
application/x-wais-source src
application/zip
                    zip
application/pre-encrypted enc
application/x-pkcs7-crl crl
application/x-fortezza-ckl ckl
audio/basic
                                        snd
                    au
audio/echospeech
                                        esl
                    es
audio/midi
                    midi
                                        mid
audio/x-aiff
                    aif
                                        aiff
                                                            aifc
audio/x-wav
                    wav
audio/x-pn-realaudio ra
                                          ram
audio/x-pac
                    pac
audio/x-epac
                    pae
audio/x-liveaudio
                    lam
                    dwf
drawing/x-dwf
image/fif
                    fif
image/gif
                    gif
image/ief
                    ief
image/ifs
                    ifs
image/jpeg
                    jpeg
                                        jpg
                                                            jpe
                                                                                jfif
    pjpeg
                        pjp
image/png
                    pnq
image/tiff
                    tiff
                                        tif
image/vnd
                    dwg
                                        svf
image/wavelet
                    wi
image/bmp
                    bmp
image/x-photo-cd
                    pcd
image/x-cmu-raster ras
image/x-portable-anymap pnm
image/x-portable-bitmap pbm
image/x-portable-graymap pgm
image/x-portable-pixmap ppm
image/x-rqb
                    rgb
image/x-xbitmap
image/x-xpixmap
                    xpm
image/x-xwindowdump xwd
text/html
                    htm
                                        html
text/plain
                    txt
                                                            lst
                                        С
                                                                                java
text/richtext
                    rtx
text/tab-separated-values tsv
text/x-setext
                    etx
text/x-speech
                    talk
video/isivideo
                    fvi
video/mpeg
                    mpeg
                                        mpg
                                                            mpe
                                                                                mpv
    vbs
                        mpegv
video/x-mpeg2
                    mpv2
                                        mp2v
video/msvideo
                    avi
video/quicktime
                    qt
                                        mov
                                                            moov
video/vivo
                    viv
                                        vivo
video/wavelet
                    wv
video/x-sgi-movie
                    movie
x-world/x-svr
                    svr
x-world/x-vrml
                    wrl
x-world/x-vrt
                    vrt
appl/text
                    doc
model/vrml
                    wrl
                                        vrml
x-conference/x-cooltalk ice
x-gzip
                    gz
```

```
x-compress
x-uuencode
                   uu
                                       uue
application/x-x509-ca-cert cacert
application/x-x509-server-cert scert
application/x-x509-user-cert ucert
application/x-x509-email-cert ecert
[Encodings]
compress
gzip
                   gz
[Security]
Basic {
(Users)
admin: JPPMDBLOKGHDOJMC
(Groups)
dba: admin
(Realms)
Node Manager Server: dba
}
[Protection]
                                       Basic (Node Manager Server)
~~~TEMPLATE: \web\svots.cfg
;; Oracle Telephony listener information file
;; Copyright (C) 1998 Oracle Corporation. All rights reserved.
[MultiPort]
      O_A_S_B_A_S_E23
                         NORM
                                   {\tt H\_O\_S\_T\_N\_A\_M\_E.D\_O\_M\_A\_I\_N}
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/ots/
                                                                                      NONE
[Net Info]
MaxConnectCount
                                338
DNSResolution
                                NEVER
ServerPID
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/ots/svots.pid
;
; Log Information
; Set values for ...
       LogDir
                            ... Place for all log files
       LogInfoFile ... Information (Audit) Log file
       LogErrorFile ... Error Log File
[LogParams]
AdminRollover
                        = never
TimeStyle
                 = GMT
AdminFile
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_R_A_C_L_E_S_I_D/httpd_H_O_S_T_N_A_M_E/ots/svots.err
; Server Parameters
; Set values for ...
      RequestTimeout
                           ... Time out for incoming requests
      ResponseTimeout
                           ... Time out for outgoing responses
      ScriptTimeout
                           ... Time out for Script response time
```

```
[Server]
;InitialFile
                    = ots.en.htm
DefaultMIMEType
                   = text/html
; UserDir
                     = public html
; UserDirInitialFile = myinitial.html
DefaultCharset
                   = iso-8859-1
PreferredLanguage = en
ImageMap
                   = map
UseDirIndexing
                   = FALSE
CGITimeout
                   = 900
; Secure Information Parameters
 Set values for ...
      UserID
                           ... Acquire privileges for User ID
      GroupID
                           ... Acquire privileges for Group ID
[SecureInfo]
UserID
                       I_C_S
GroupID
                       G_R_O_U_P_N_A_M_E
; Directory Mappings
; List each mapping from a physical directory to a
; virtual directory, including the indicator whether
; the directory contains scripts or whether the
; subdirectories should be mapped recursively (R) or
; non-recursively (N).
[DirMaps]
; This first line which has ?/ows/doc needs to be here to keep
; the virtual path ordering correct.
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc/
                                                      NR
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/bin/
                                                      CN
                                                               /ows-bin/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc/
                                                      NR
                                                             /ows-doc/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admdoc/
                                                      NR
                                                             /ows-adoc/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/img/
                                                      NR
                                                             /ows-img/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/sample/
                                                             /sample/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A S E/ows/4.0/sample/bin/ CR
                                                            /sample/bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                             /demo/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/bin/
                                                         CR
                                                                 /demo/bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/res/
                                                         NR
                                                             /demo/img/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                    NR /demo/src/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B A S E/ows/4.0/demo/img/
                                                         NR /tr-img/
; File Cache
; List the full virtual filename path or wild-card
; expression denoting one or more files in the ServerÆs
; virtual file system.
; [FileCache]
;/products/*
;/products/xr25/Version*.c
;/employees/list/phones
```

```
; Language Extensions
; List for each combination of language type
; and character set one or more unique
; extensions.
[LangExt]
             iso-8859-1
en
                                         eng
en
             unicode-1-1
                                         engU uc
fr-CA
             iso-8859-1
                                         frc
fr-FR
             iso-8859-1
                                         fr
jp-JP
             iso-2022-jp
                                         jр
jp-JP
             unicode-1-1-utf-8
                                         jpU
;
; MIME Types
; List for each combination of MIME Type
; and representation one or more unique
; extensions.
[MIMETypes]
text/html
             htm html
image/jpeg
             jpg jpeg
image/gif
             gif
appl/text
             doc
text/plain
             txt ksh lst
application/pdf pdf
application/postscript ps
x-world/x-vrml wrl vrml
[Encodings]
compress
                z
gzip
                gz
;
;The ordering of the DynApps should not be changed
[DynApps]
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/ndwfss.so oracle_adp_init
~~~TEMPLATE: \web\svwww.cfg
[MultiPort]
ANY
                                  H_O_S_T_N_A_M_E.D_O_M_A_I_N
      O_A_S_B_A_S_E11 NORM
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/www/
      O_A_S_B_A_S_E11 NORM
                                  H_O_S_T_N_A_M_E
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/www/
NONE
[NetInfo]
MaxConnectCount
                               500
DNSResolution
                               NEVER
ServerPID
O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/www/svwww
.pid
;
```

```
; Log Information
; Set values for ...
       LogDir
                           ... Place for all log files
       LogInfoFile ... Information (Audit) Log file
       LogErrorFile ... Error Log File
[LogParams]
AdminRollover
                        = never
TimeStyle
                  = LOCAL
AdminFile
 \verb|O_R_A_C_L_E_O_A_S_B_A_S_E/admin/ows/O_A_S_S_I_T_E_N_A_M_E/httpd_H_O_S_T_N_A_M_E/www/svwww. |
.err
; Server Parameters
; Set values for ...
                           ... Time out for incoming requests
      RequestTimeout
      ResponseTimeout
                           ... Time out for outgoing responses
      ScriptTimeout
                           ... Time out for Script response time
[Server]
InitialFile
                   = wwwIndex.html
DefaultMIMEType
                   = application/octet-stream
; UserDir
                     = public_html
; UserDirInitialFile = myinitial.html
DefaultCharset
                = iso-8859-1
PreferredLanguage = en
ImageMap
                   = map
UseDirIndexing
                   = FALSE
CGITimeout
                   = 900
FileCaching
                   = ON
; Secure Information Parameters
; Set values for ...
      UserID
                           ... Acquire privileges for User ID
      GroupID
                           ... Acquire privileges for Group ID
[SecureInfo]
UserID
                       I_C_S
GroupID
                       G_R_O_U_P_N_A_M_E
ï
; Directory Mappings
; List each mapping from a physical directory to a
; virtual directory, including the indicator whether
; the directory contains scripts or whether the
; subdirectories should be mapped recursively (R) or
; non-recursively (N).
[DirMaps]
; This first line which has ?/ows/doc needs to be here to keep
; the virtual path ordering correct.
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/doc/
                                                      NR
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/bin/
                                                      CN
                                                               /ows-bin/
```

```
O_R_A_C_L_E_O_A_S_P_R_O_D B A S E/ows/4.0/doc/
                                                              /ows-doc/
                                                       NR
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/doc/ NR
                                                              /ows-adoc/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/admin/img/ NR
                                                              /ows-img/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A S E/ows/4.0/admin/img/ NR
                                                             /ows-aimg/
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/classes/
                                                                /ows-vbclasses/
; O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                     NR
                                                              /demo/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/bin/
                                                         CR
                                                                  /demo/bin/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/res/
                                                         NR
                                                             /demo/img/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/
                                                         /demo/src/
;O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/demo/img/
                                                         NR /tr-img/
; File Cache
; List the full virtual filename path or wild-card
; expression denoting one or more files in the ServerÆs
; virtual file system.
; [FileCache]
;/products/*
;/products/xr25/Version*.c
;/employees/list/phones
; Language Extensions
; List for each combination of language type
; and character set one or more unique
; extensions.
[LangExt]
en
             iso-8859-1
                                         eng
en
             unicode-1-1
                                         engU uc
fr-CA
             iso-8859-1
                                         frc
fr-FR
             iso-8859-1
                                         fr
qp-JP
             iso-2022-jp
                                         jр
jp-JP
             unicode-1-1-utf-8
                                         jpU
; MIME Types
; List for each combination of MIME Type
; and representation one or more unique
; extensions.
[MIMETypes]
application/octet-stream
                                     bin
application/astound
                                      asd asn
application/fastman
                                      1cc
application/java-archive
                                      jar
application/java-serialized-object
                                      ser
application/java-vm
                                      class
application/mac-binhex40
                                     hqx
application/x-stuffit
                                      sit
application/mbedlet
                                     mbd
application/msword
                                      doc
application/oda
                                     oda
```

```
application/pdf
                                      pdf
application/postscript
                                      ai eps ps
application/rtf
                                      rtf
application/studiom
                                      smp
application/timbuktu
                                      tbt
application/vnd.ms-excel
                                      xls xlw xla xlc xlm xlt
application/vnd.ms-powerpoint
                                      ppt pps pot
application/vnd.ms-project
                                      mpp
application/winhlp
                                      hlp
application/x-javascript
                                      js
application/x-javascript;charset=UTF-8 jsu
application/x-asap
application/x-csh
                                      csh
application/x-dot
                                      dot
application/x-dvi
                                      dvi
application/x-earthtime
                                      etc
application/x-envoy
                                      evy
application/x-excel
                                      xls xlc xll xlm xlw
application/x-gtar
                                      qtar
application/x-cpio
                                      cpio
application/x-hdf
                                      hdf
application/x-latex
                                      latex
application/x-javascript-config
                                      jsc
application/x-maker
                                      fm
application/x-mif
                                      mif mi
application/x-mocha
                                      mocha moc
application/x-msaccess
                                      mdb
application/x-mscardfile
                                      crd
application/x-msclip
                                      clp
application/x-msmediaview
                                      m13 m14
application/x-msmetafile
                                      wmf
application/x-msmoney
                                      mny
application/x-mspublisher
                                      pub
application/x-msschedule
                                      scd
application/x-msterminal
                                      trm
application/x-mswrite
                                      wri
application/x-NET-Install
                                      ins
application/x-netcdf
                                      nc cdf
application/x-ns-proxy-autoconfig
                                      proxy
application/x-pointplus
                                      css
application/x-salsa
                                      slc
application/x-sh
                                      sh
application/x-shar
                                      shar
application/x-sprite
                                      spr sprite
application/x-tar
                                      tar
application/x-tcl
                                      tcl
application/x-perl
                                      pl
application/x-tex
                                      tex
application/x-texinfo
                                      texinfo texi
application/x-timbuktu
                                      tbp
application/x-tkined
                                      tki tkined
application/x-troff-man
                                      man
application/x-troff-me
                                      me
application/x-troff-ms
                                      ms
application/x-troff
                                      t tr roff
application/x-wais-source
                                      src
application/zip
                                      zip
application/pre-encrypted
                                      enc
application/x-pkcs7-crl
                                      crl
```

```
application/x-fortezza-ckl
                                       ckl
audio/basic
                           au snd
audio/echospeech
                           es esl
audio/midi
                           midi mid
audio/x-aiff
                           aif aiff aifc
audio/x-wav
                           wav
audio/x-pn-realaudio
                           ra ram
audio/x-pac
                           pac
audio/x-epac
                           pae
audio/x-liveaudio
                           lam
drawing/x-dwf
                           dwf
image/fif
                           fif
image/gif
                           gif
image/ief
                           ief
image/ifs
                           ifs
image/jpeg
                           jpeg jpg jpe jfif pjpeg pjp
image/png
                           png
image/tiff
                           tiff tif
image/vnd
                           dwg svf
image/wavelet
                           wi
image/bmp
                           bmp
image/x-photo-cd
                           pcd
image/x-cmu-raster
                           ras
image/x-portable-anymap
                           pnm
image/x-portable-bitmap
                           pbm
image/x-portable-graymap
                           pgm
image/x-portable-pixmap
                           ppm
image/x-rgb
                           rgb
image/x-xbitmap
                           xbm
image/x-xpixmap
                           xpm
image/x-xwindowdump
                           xwd
text/html
                           htm html
text/plain
                           txt c 1st java
text/richtext
                           rtx
text/tab-separated-values tsv
text/x-setext
text/x-speech
                           talk
video/isivideo
                           fvi
video/mpeq
                           mpeg mpg mpe mpv vbs mpegv
video/x-mpeg2
                           mpv2 mp2v
video/msvideo
                           avi
video/quicktime
                           qt mov moov
video/vivo
                           viv vivo
video/wavelet
                           wv
video/x-sgi-movie
                           movie
x-world/x-svr
                           svr
x-world/x-vrml
                           wrl
x-world/x-vrt
                           vrt
appl/text
                doc
model/vrml wrl vrml
x-conference/x-cooltalk
                           ice
x-gzip
                            gz
x-compress
                            z
x-uuencode
                            uu uue
application/x-x509-ca-cert
                                  cacert
application/x-x509-server-cert
                                  scert
application/x-x509-user-cert
                                  ucert
application/x-x509-email-cert
ï
```

```
;
        ;The ordering of the DynApps should not be changed
       O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/lib/ndwfss.so oracle_adp_init
       ~~~TEMPLATE: \web\wrb.app
        [SYSTEM]
                          = O_A_S S_I_T_E_N_A_M_E
       SiteName
       DisplaySiteName
                          = O_A_S_S_I_T_E N A M E Site
       WRB_primary_host = H_O_S_T_N_A_M_E.D_O_M_A_I_N
       WRB_crypt
                          = v1.0
       WRB_type
                          = cb5b9f52c5422e349578738a22731d5e
       HostList
                          = H_O_S_T_N_A_M_E
       CollapseProcessModel = TRUE
       PriorityScheduling = yes
       NextResourceId
                          = 1001
       OASEdition
                          = Enterprise Edition
       OASVersion
                          = 4.0.8.1.0
       OASCompatibleVersion = 4.0.8.1.0
       RuntimeList
                          = CWEB, CCORBA, ECO4JAVA, EJB, JavaCorba, JAVAWEB, JSERVLET, LiveHTML,
       PERL, PLSQL
       AppsList
                          = owsapps,DB_Utilities, mstage, cstage, mdeploy, ots, cdeploy
       [SYSTEM.HA]
:0
       ConfigProvider
                          = Disabled
H
       AuthServer
                          = Disabled
11
       Broker
                          = Disabled
       Logger
                          = Disabled
---
       CartridgeServerFac = Disabled
mil:
       Dispatcher
                          = Enabled
       MonitorDaemon
                          = Disabled
       RMProxy
                          = Disabled
       Timeout
                          = 30
       BrokerTimeout
                          = 60
       [Basic]
       Realm.Admin Server = Administrators
       Group.Administrators = admin
       User.admin
                         = 1d0258c2440a8d19e716292b231e3190
       [AuthService]
       Service.Mode
                          = INMEMORY
       Schemes.INMEMORY = Basic, Digest, IP, Domain
       Schemes.ORB
                          = Basic_Oracle, Cert, Crypt
       Schemes.ORBHOST
                          = Basic_Oracle, Cert, Crypt
       Scheme.Basic.Lib
                          = %ORAWEB_HOME%/lib/libwrasbasic.so, wrASPBDI_dyn_init
       Scheme.Digest.Lib = %ORAWEB_HOME%/lib/libwrasdigest.so, wrASPGDI_dyn_init
                          = %ORAWEB_HOME%/lib/libwrasip.so, wrASPIDI_dyn_init
       Scheme.IP.Lib
       Scheme.Domain.Lib = %ORAWEB_HOME%/lib/libwrasdomain.so, wrASPDDI_dyn_init
```

Scheme.Basic_Oracle.Lib = %ORAWEB_HOME%/lib/libwrasoracle.so, wrASPODI_dyn_init

= %ORAWEB_HOME%/lib/libwrascert.so, wrASPCDI_dyn_init

= %ORAWEB_HOME%/lib/libwrascrypt.so, wrASPRDI_dyn_init

[Encodings] compress gzip

Scheme.Cert.Lib

Scheme.Crypt.Lib

Scheme.Basic.Impl = WRAS_BASIC

Scheme.IP.Impl

qz

= WRAS IP

```
Scheme.Digest.Impl = WRAS DIGEST
       Scheme.Domain.Impl = WRAS_DOMAIN
       Scheme.Basic_Oracle.Impl = WRAS_BASIC_ORACLE
       Scheme.Cert.Impl
                         = WRAS CERT
       Scheme.Crypt.Impl = WRAS CRYPT
       [Logger]
       logger_dad_name
                          = DBA
       logger batch
                          = ON
       logger rollover
                          = Never
       logger_logxlf
                          = ON
       logger_logxlf_desttype = FS
       logger_logxlf_destdir = %ORAWEB_ADMIN%/O_A_S_S_I_T_E_N_A_M_E/log
       logger_logxlf_destfname = xlf0_R_A_C_L_E_S_I_D.log
       logger_logxlf_maxfsize = 10000000
       logger_logxlf_archivedir = %ORAWEB_ADMIN%/O_A_S_S_I_T_E N A M E/log
       logger_logxlf_fields = clf
       logger_logsys
                          = ON
       logger_logsys_desttype = FS
       logger_logsys_destdir = %ORAWEB_ADMIN%/O_A_S_S_I_T_E_N_A_M_E/log
       logger_logsys_destfname = wrbO_R_A_C_L_E_S_I_D.log
logger_logsys maxfsize = 10000000
       logger_logsys_archivedir = %ORAWEB_ADMIN%/O_A_S_S_I_T_E_N_A_M_E/log
       logger_logsys_mask = 0xffffffff
       logger_logsys_level = 15
       logger_logattrib
       logger_logattrib_desttype = FS
       logger_logattrib_destfname = attribO_R_A_C_L_E_S_I_D.log
       logger_logattrib_destdir = %ORAWEB_ADMIN%/O_A_S_S_I_T_E_N_A_M_E/log
       logger_logattrib_maxfsize = 10000000
ij
       logger_logattrib_archivedir = %ORAWEB_ADMIN%/O_A_S_S_I_T_E_N_A_M_E/log
::
       [RUNTIME.CWEB]
===
       RuntimeVersion
                          = 4.0
=
       DisplayName
                          = "C Web"
= O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/install/CWEB.app
       AppFile
       AddAppURL
                        = /ows-abin/apadmin?FORM_CODE=APP_TYPE&AppType=CWEB&ConfigMode=manual
       AddCartxURL
                        = /ows-abin/apadmin?FORM_CODE=CARTX_ADD
       DelAppURL
                        = /ows-abin/apadmin?FORM_CODE=APP_DEL
       DelCartxURL
                        = /ows-abin/apadmin?FORM_CODE=CARTX_DEL
       [APPLICATION.owsapps]
       ServerInterface = WEB
       ServerRuntime
                         = CWEB
       CartTimeout
                        = 86400
       Hosts
                        = H_O_S_T_N_A_M_E
       ExecString
                        = wrks -s
       Priority
                        = medium
       DisplayName
                        = "Server Status Monitor App"
       Cartridges
                         = owsapps/owsstat
       [APPLICATION.owsapps.WEB]
       AppMimeTypes = - jpeq,qif
       GetClientCert
                         = Disabled
       Session
                         = Disabled
       SessionIdle
                          = 15
       [AppDirs]
```

%ORAWEB HOME%/bin

owsapps/owsstat

/owsapps/owsstat

```
/owsstat
                   owsapps/owsstat
                                      %ORAWEB HOME%/bin
/DB_Utilities/DB_Browser DB_Utilities/DB_Browser %ORAWEB_HOME%/bin
/DB_Utilities/Log_Analyzer DB_Utilities/Log_Analyzer %ORAWEB HOME%/bin
                   mstage/mstage
                                      *ORACLE HOME*/oec/java/cartx
/cec
                   cstage/cstage
                                      %ORACLE HOME%/oec/java/cartx
/mec
                   mdeploy/mdeploy
                                      %ORACLE_HOME%/oec/java/cartx
/ots
                   ots/ots
                                      %ORACLE_HOME%/oec/java/tpi
/cust
                   cdeploy/cdeploy
                                      %ORACLE HOME%/oec/java/cartx
[SYSTEM_owsapps/owsstat]
Stateless
                  = FALSE
ThreadSafe
                   = no
Prestart
                  = 0
MinInstances
                 = 1
MaxInstances
                  = 10
MinThreads
                  = 1
MaxThreads
                  = 1
Application
                  = owsapps
DisplayName
                   = "Web Server Status Monitor"
[Apps]
owsapps/owsstat
                   %ORAWEB_HOME%/lib/wstat.so testentry
DB_Utilities/DB_Browser %ORAWEB_HOME%/../cartx/plsql/lib/libndwoa.so ndwoadinit
DB_Utilities/Log_Analyzer %ORAWEB_HOME%/../cartx/plsql/lib/libndwoa.so ndwoadinit
mstage/mstage
                   %ORACLE_HOME%/ows/cartx/jweb/lib/libjcartx.so ojsdinit
cstage/cstage
                   %ORACLE_HOME%/ows/cartx/jweb/lib/libjcartx.so ojsdinit
mdeploy/mdeploy
                   %ORACLE_HOME%/ows/cartx/jweb/lib/libjcartx.so ojsdinit
ots/ots
                   %ORACLE_HOME%/ows/cartx/jweb/lib/libjcartx.so ojsdinit
cdeploy/cdeploy
                   %ORACLE_HOME%/ows/cartx/jweb/lib/libjcartx.so ojsdinit
[RUNTIME.CCORBA]
RuntimeVersion
                  = 4.0.8
DisplayName
                   = "C++ Corba"
AppFile
                  = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/install/CCORBA.app
                  = /ows-abin/jcgi.bat?FORM_CODE=j_cpp_ccorba_install
AddAppURL
AddCartxURL
                  = /ows-abin/apadmin?FORM_CODE=CARTX_ADD
DelAppURL
                  = /ows-abin/apadmin?FORM_CODE=APP_DEL
DelCartxURL
                  = /ows-abin/apadmin?FORM_CODE=CARTX_DEL
AppsDir
                  = ../cpp
[RUNTIME.ECO4JAVA]
RuntimeVersion
                  = 4.0
DisplayName
                  = "Enterprise Corba Objects for Java"
AppFile
                  = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/install/ECO4JAVA.app
AddAppURL
                 = /ows-abin/jcgi.bat?FORM_CODE=j_eco_add
AddCartxURL
                  = /ows-abin/apadmin?FORM CODE=CARTX ADD
DelAppURL
                  = /ows-abin/apadmin?FORM CODE=APP DEL
DelCartxURL
                  = /ows-abin/apadmin?FORM CODE=CARTX DEL
AppsDir
                  = ../apps/eco4j
[RUNTIME.EJB]
RuntimeVersion
                  = 4.0
DisplayName
                  = "Enterprise JavaBeans"
AppFile
                  = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/install/EJB.app
AddAppURL
                  = /ows-abin/jcgi.bat?FORM_CODE=j_ejb_add
AddCartxURL
                  = /ows-abin/apadmin?FORM CODE=CARTX ADD
DelAppURL
                  = /ows-abin/apadmin?FORM CODE=APP DEL
DelCartxURL
                  = /ows-abin/apadmin?FORM CODE=CARTX DEL
AppsDir
                  = ../apps/ejb
```

```
[RUNTIME.JavaCorba]
RuntimeVersion
                  = 4.0
DisplayName
                   = "JCorba"
                   = O_R_A_C_L_E_O_A_S_P_R O_D_B_A_S_E/ows/4.0/install/JavaCORBA.app
AppFile
AddAppURL
                   = /ows-abin/jcgi.bat?FORM_CODE=j_jco_add
AddCartxURL
                   = /ows-abin/apadmin?FORM_CODE=CARTX_ADD
DelAppURL
                   = /ows-abin/apadmin?FORM_CODE=APP_DEL
DelCartxURL
                   = /ows-abin/apadmin?FORM CODE=CARTX DEL
AppsDir
                   = ../apps/jco
[RUNTIME.JAVAWEB]
RuntimeVersion
                   = 4.0
DisplayName
                   = "JWeb"
AppFile
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/../cartx/jweb/install/javaweb.app
AddAppURL
/ows-abin/apadmin?FORM_CODE=APP_TYPE&AppType=JAVAWEB&ConfigMode=manual
AddCartxURL
                   = /ows-abin/apadmin?FORM_CODE=CARTX_ADD
DelAppURL
                   = /ows-abin/apadmin?FORM_CODE=APP_DEL
DelCartxURL
                   = /ows-abin/apadmin?FORM CODE=CARTX DEL
[RUNTIME.JSERVLET]
RuntimeVersion
                   = 4.0
DisplayName
                   = "JServlet"
AppFile
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/../cartx/jweb/install/jservlet.app
AddAppURL
/ows-abin/apadmin?FORM_CODE=APP_TYPE&AppType=JSERVLET&ConfigMode=manual
AddCartxURL
                  = /ows-abin/apadmin?FORM_CODE=CARTX_ADD
DelAppURL
                   = /ows-abin/apadmin?FORM_CODE=APP DEL
DelCartxURL
                   = /ows-abin/apadmin?FORM_CODE=CARTX_DEL
[RUNTIME.LiveHTML]
RuntimeVersion
                   = 4.0
DisplayName
                   = "LiveHTML"
AppFile
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/../cartx/livehtml/install/livehtml.app
AddAppURL
/ows-abin/apadmin?FORM_CODE=APP_TYPE&AppType=LiveHTMLL&ConfigMode=manual
AddCartxURL
                  = /ows-abin/apadmin?FORM_CODE=CARTX_ADD
DelAppURL
                   = /ows-abin/apadmin?FORM CODE=APP DEL
DelCartxURL
                   = /ows-abin/apadmin?FORM_CODE=CARTX_DEL
[RUNTIME.PERL]
RuntimeVersion
                  = 4.0
DisplayName
                   = "Perl"
AppFile
                   = O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/cartx/perl/install/perl.app
AddAppURL
                   = /ows-abin/apadmin?FORM_CODE=APP_TYPE&AppType=PERL&ConfigMode=manual
AddCartxURL
                  = /ows-abin/apadmin?FORM_CODE=CARTX_ADD
                  = /ows-abin/apadmin?FORM_CODE=APP_DEL
DelAppURL
DelCartxURL
                  = /ows-abin/apadmin?FORM CODE=CARTX DEL
[RUNTIME.PLSQL]
RuntimeVersion
                  = 4.0
DisplayName
                   = "PL/SQL"
AppFile
O_R_A_C_L_E_O_A_S_P_R_O_D_B_A_S_E/ows/4.0/../cartx/plsql/install/runtime_plsql.app
                  = /ows-abin/apadmin?FORM_CODE=APP_TYPE&AppType=PLSQL&ConfigMode=manual
AddAppURL
```

```
AddCartxURL
                         = /ows-abin/apadmin?FORM CODE=CARTX ADD
       DelAppURL
                         = /ows-abin/apadmin?FORM_CODE=APP_DEL
       DelCartxURL
                         = /ows-abin/apadmin?FORM_CODE=CARTX_DEL
       [APPLICATION.DB_Utilities]
       Hosts
                         = H_O_S_T_N_A_M_E
       ExecString
                        = wrks -s
       ServerInterface = WEB
       CartTimeout
                         = 86400
       Priority
                         = medium
       DisplayName
                        = "DB Utilities"
       ServerRuntime
                       = PLSQL
       Cartridges
                        = DB_Utilities/Log_Analyzer, DB_Utilities/DB_Browser
       [APPLICATION.DB_Utilities.WEB]
       AppMimeTypes = - jpeg,gif
       GetClientCert
                         = Disabled
       Session
                         = Disabled
       SessionIdle
                         = 15
       [SYSTEM_DB_Utilities/DB_Browser]
       Stateless
                    = FALSE
       ThreadSafe
                        = TRUE
       Prestart
                        = 0
       MinInstances
                       = 0
       MaxInstances
                         = 10
m
       MinThreads
                         = 1
MaxThreads
                         = 1
       Application
                         = DB Utilities
: 🏻
       DisplayName
                         = "DB Browser"
IJ
;;
       [SYSTEM_DB_Utilities/Log_Analyzer]
=å
       Stateless
                        = FALSE
       ThreadSafe
                        = TRUE
===
       Prestart
                        = 0
       MinInstances
                        = 0
       MaxInstances
                        = 10
       MinThreads
                         = 1
       MaxThreads
       Application
                        = DB_Utilities
                       = "Log Analyzer"
       DisplayName
       [DB_Utilities/Log_Analyzer_DB_Utilities/Log_Analyzer]
       owa_error page
                        = error.html
       owa_pkg_protect
                         = TRUE
       owa_error_level
                         = 2
       [DB_Utilities/DB_Browser_DB_Utilities/DB_Browser]
       owa error page
                         = error.html
       owa_pkg_protect
                         = TRUE
       owa_error_level
                         = 2
       [APPLICATION.mstage]
       ServerInterface = WEB
       ServerRuntime
                         = JAVAWEB
       CartTimeout
                        = 86400
       Hosts
                        = H_O_S_T_N_A_M_E
       ExecString
                        = wrks -s
```

= medium

Priority

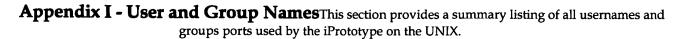
```
DisplayName
                   = "OIC - mstage"
Cartridges
                  = mstage/mstage
[APPLICATION.mstage.ENV]
JAVA HOME
                  = %ORAWEB HOME%/jdk
CLASSPATH
<code>%ORACLE_HOME%/orb/4.0/classes/session.jar:%ORACLE_HOME%/orb/4.0/classes/cache.jar:%ORAWEB</code>
_HOME%/jdk/lib/classes.zip:%ORAWEB_HOME%/classes/services.jar:%ORACLE_HOME%/ows/cartx/jwe
b/classes/jweb.jar:%ORACLE_HOME%/orb/4.0/classes/yoj.jar:%ORACLE_HOME%/oec/java/tpi:%ORAC
LE_HOME%/oec/java/oec.zip:%ORACLE_HOME%/oec/storemgr/templates/applet/StrMgr2.zip:%ORACLE
 HOME$/oec/java/NetPerceptionsI.jar:%ORACLE_HOME%/oec/java/OrbixWeb_3.0.4.jar:%ORACLE_HOM
E%/oec/java:%CLASSPATH%
                   = %ORAWEB_HOME%/jdk/bin/sparc/native threads:%PATH%
LD_LIBRARY PATH
%ORAWEB_HOME%/jdk/lib/sparc/native_threads:%ORACLE_HOME%/ows/cartx/jweb/lib:%ORACLE_HOME%
/oec/lib:%LD_LIBRARY_PATH%
THREADS_FLAG
                  = native
[APPLICATION.mstage.WEB]
AppMimeTypes = - jpeg,gif
                 = Disabled
GetClientCert
Session
                 = Disabled
SessionIdle
[APPLICATION.mstage.JAVA]
SYSTEM_PROPERTY = ORAWEB HOME=%ORAWEB HOME%
SYSTEM PROPERTY
                  = ORACLE HOME=%ORACLE HOME%
MAX HEAP
                  = 64M
SYSTEM PROPERTY
java.naming.factory.initial=oracle.oas.naming.jndi.CartxInitCtxFactory
[APPLICATION.mstage.LOG]
logger_logsys
logger_logsys_destdir = /tmp
logger_logsys_destfname = mstageO_R_A_C_L_E_S_I_D.log
logger_logsys_level = 0
[SYSTEM_mstage/mstage]
JavaWebInterface = 3.0
Stateless
                  = FALSE
ThreadSafe
                 = TRUE
Prestart
                 = 0
                 = 0
MinInstances
MaxInstances
                 = 1
MinThreads
                 = 1
MaxThreads
                 = 1
DisplayName
                 = "OIC - mstage"
Application
                 = mstage
[APPLICATION.cstage]
ServerInterface = WEB
ServerRuntime
                  = JAVAWEB
CartTimeout
                 = 86400
Hosts
                 = H_O_S_T_N_A_M_E
ExecString
                 = wrks -s
Priority
                 = medium
DisplayName
                 = "OIC - cstage"
Cartridges
                 = cstage/cstage
```

```
[APPLICATION.cstage.ENV]
JAVA HOME
                   = %ORAWEB_HOME%/jdk
CLASSPATH
%ORACLE_HOME%/oec/java/OrbixWeb_3.0.4.jar:%ORACLE_HOME%/orb/4.0/classes/session.jar:%ORAC
LE_HOME%/orb/4.0/classes/cache.jar:%ORAWEB_HOME%/jdk/lib/classes.zip:%ORAWEB_HOME%/classe
s/services.jar:%ORACLE HOME%/ows/cartx/jweb/classes/jweb.jar:%ORACLE HOME%/orb/4.0/classe
s/yoj.jar:%ORACLE_HOME%/oec/java/tpi:%ORACLE_HOME%/oec/java/oec.zip:%ORACLE_HOME%/oec/jav
a/tpi:%ORACLE_HOME%/oec/java/opay.jar:%ORACLE_HOME%/oec/java/NetPerceptionsI.jar:%ORACLE
HOME%/oec/java:%NP_HOME%/iona:%CLASSPATH%
                   = %ORAWEB_HOME%/jdk/bin/sparc/native_threads:%PATH%
LD LIBRARY PATH
<code>%ORAWEB_HOME%/jdk/lib/sparc/native_threads:%ORACLE_HOME%/ows/cartx/jweb/lib:%ORACLE_HOME%</code>
/oec/lib:%LD_LIBRARY_PATH%
THREADS FLAG
                  = native
[APPLICATION.cstage.WEB]
AppMimeTypes = - jpeg,gif
GetClientCert
                  = Disabled
Session
                  = Disabled
SessionIdle
                  = 15
[APPLICATION.cstage.JAVA]
SYSTEM PROPERTY
                 = ORAWEB HOME=%ORAWEB HOME%
                  = ORACLE_HOME=%ORACLE_HOME%
SYSTEM PROPERTY
MAX_HEAP
SYSTEM PROPERTY
java.naming.factory.initial=oracle.oas.naming.jndi.CartxInitCtxFactory
[APPLICATION.cstage.LOG]
logger_logsys
                 = ON
logger_logsys_destdir = /tmp
logger_logsys_destfname = cstage_O_A_S_S_I_T_E_N_A_M_Eics.log
logger_logsys_level = 15
[SYSTEM cstage/cstage]
JavaWebInterface = 3.0
Stateless
                 = FALSE
ThreadSafe
                 = TRUE
                 = 0
Prestart
MinInstances
                 = 0
MaxInstances
                  = 10
MinThreads
                  = 3
MaxThreads
                  = 10
DisplayName
                 = "OIC - cstage"
Application
                 = cstage
[APPLICATION.mdeploy]
ServerInterface = WEB
ServerRuntime
                  = JAVAWEB
CartTimeout
                  = 86400
                  = H_O_S_T_N_A_M_E
Hosts
ExecString
                  = wrks -s
Priority
                  = medium
DisplayName
                  = "OIC - mdeploy"
Cartridges
                  = mdeploy/mdeploy
[APPLICATION.mdeploy.ENV]
JAVA HOME
                  = %ORAWEB HOME%/jdk
CLASSPATH
```

```
$ORACLE_HOME$/orb/4.0/classes/session.jar:$ORACLE_HOME$/orb/4.0/classes/cache.jar:$ORAWEB
_HOME%/jdk/lib/classes.zip:%ORAWEB_HOME%/classes/services.jar:%ORACLE_HOME%/ows/cartx/jwe
b/classes/jweb.jar:%ORACLE_HOME%/orb/4.0/classes/yoj.jar:%ORACLE_HOME%/oec/java/tpi:%ORAC
LE_HOME%/oec/java/oec.zip:%ORACLE_HOME%/oec/storemgr/templates/applet/StrMgr2.zip:%ORACLE
_HOME$/oec/java/NetPerceptionsI.jar:$ORACLE_HOME$/oec/java/OrbixWeb_3.0.4.jar:$ORACLE_HOM
E%/oec/java:%CLASSPATH%
                   = %ORAWEB_HOME%/jdk/bin/sparc/native_threads:%PATH%
LD_LIBRARY_PATH
<code>%ORAWEB_HOME%/jdk/lib/sparc/native_threads:%ORACLE_HOME%/ows/cartx/jweb/lib:%ORACLE_HOME%</code>
/oec/lib:%LD_LIBRARY_PATH%
THREADS_FLAG
                   = native
[APPLICATION.mdeploy.WEB]
AppMimeTypes
                  = - jpeg,gif
GetClientCert
                  = Disabled
Session
                  = Disabled
SessionIdle
[APPLICATION.mdeploy.JAVA]
SYSTEM PROPERTY
                 = ORAWEB_HOME=%ORAWEB HOME%
SYSTEM PROPERTY
                  = ORACLE HOME=%ORACLE HOME%
MAX HEAP
SYSTEM_PROPERTY
java.naming.factory.initial=oracle.oas.naming.jndi.CartxInitCtxFactory
[APPLICATION.mdeploy.LOG]
logger_logsys
                  = ON
logger logsys destdir = /tmp
logger_logsys_destfname = mdeployO_R_A_C_L_E_S_I_D.log
logger_logsys_level = 0
[SYSTEM mdeploy/mdeploy]
JavaWebInterface = 3.0
Stateless
                  = FALSE
ThreadSafe
                  = TRUE
Prestart
                  = 0
MinInstances
                 = 0
MaxInstances
                  = 1
MinThreads
                  = 1
MaxThreads
DisplayName
                  = "OIC - mdeploy"
Application
                  = mdeploy
[APPLICATION.ots]
ServerInterface = WEB
ServerRuntime
                 = JAVAWEB
CartTimeout
                  = 86400
                  = H_O_S_T_N_A_M_E
Hosts
ExecString
                  = wrks -s
Priority
                  = medium
DisplayName
                  = "OIC - ots"
Cartridges
                  = ots/ots
[APPLICATION.ots.ENV]
JAVA HOME
                  = %ORAWEB_HOME%/jdk
CLASSPATH
$ORACLE_HOME$/orb/4.0/classes/session.jar:$ORACLE_HOME$/orb/4.0/classes/cache.jar:$ORAWEB
_HOME%/jdk/lib/classes.zip:%ORAWEB_HOME%/classes/services.jar:%ORACLE HOME%/ows/cartx/jwe
b/classes/jweb.jar:%ORACLE_HOME%/orb/4.0/classes/yoj.jar:%ORACLE_HOME%/oec/java/tpi/otsBr
```

```
idge.zip: %ORACLE_HOME%/oec/java/tpi/ots.zip: %ORACLE_HOME%/oec/java/NetPerceptionsI.jar: %O
RACLE_HOME% / oec/java/OrbixWeb_3.0.4.jar:%ORACLE_HOME% / oec/java:%CLASSPATH%
                   = %ORAWEB_HOME%/jdk/bin/sparc/native_threads:%PATH%
LD LIBRARY PATH
$ORAWEB_HOME$/jdk/lib/sparc/native_threads:$ORACLE_HOME$/ows/cartx/jweb/lib:$LD_LIBRARY p
THREADS_FLAG
                  = native
[APPLICATION.ots.WEB]
AppMimeTypes = - jpeg,gif
GetClientCert
                  = Disabled
Session
                 = Disabled
SessionIdle
[APPLICATION.ots.JAVA]
SYSTEM PROPERTY
                = ORAWEB HOME=%ORAWEB HOME%
SYSTEM_PROPERTY
                  = ORACLE_HOME=%ORACLE_HOME%
MAX_HEAP
                  = 64M
SYSTEM_PROPERTY
java.naming.factory.initial=oracle.oas.naming.jndi.CartxInitCtxFactory
SYSTEM_PROPERTY = LOCAL_AREA_CODE=650
SYSTEM PROPERTY
                = INTERNATIONAL_PREFIX=011
SYSTEM_PROPERTY = LONG DISTANCE PREFIX=1
SYSTEM_PROPERTY = LOCAL_COUNTRY_CODE=1
SYSTEM PROPERTY
                = OTS_HOST=otsserver.D_O_M_A_I_N
SYSTEM PROPERTY
                = OTS PORT=7777
[APPLICATION.ots.LOG]
logger_logsys
              = ON
logger_logsys_destdir = /tmp
logger_logsys_destfname = otsO_R_A_C_L_E_S_I_D.log
logger_logsys_level = 0
[SYSTEM ots/ots]
JavaWebInterface = 3.0
Stateless
                = FALSE
ThreadSafe
                 = TRUE
                 = 0
Prestart
MinInstances
                 = 0
MaxInstances
                  = 5
MinThreads
                  = 1
MaxThreads
DisplayName
                 = "OIC - ots"
Application
                 = ots
[APPLICATION.cdeploy]
ServerInterface = WEB
ServerRuntime
                = JAVAWEB
CartTimeout
                 = 86400
Hosts
                 = H_O_S_T_N_A_M_E
ExecString
                 = wrks -s
Priority
                  = medium
DisplayName
                  = "OIC - cdeploy"
Cartridges
                  = cdeploy/cdeploy
[APPLICATION.cdeploy.ENV]
JAVA HOME
                  = %ORAWEB_HOME%/jdk
CLASSPATH
%ORACLE_HOME%/orb/4.0/classes/session.jar:%ORACLE_HOME%/orb/4.0/classes/cache.jar:%ORAWEB
```

```
_HOME%/jdk/lib/classes.zip:%ORAWEB_HOME%/classes/services.jar:%ORACLE HOME%/ows/cartx/jwe
        b/classes/jweb.jar:%ORACLE_HOME%/orb/4.0/classes/yoj.jar:%ORACLE_HOME%/oec/java/tpi:%ORAC
        LE_HOME% / Oec/java / Oec.zip: %ORACLE_HOME% / Oec/java / Opay.jar: %ORACLE_HOME% / Oec/java / NetPerce
       ptionsI.jar:%ORACLE_HOME%/oec/java/OrbixWeb_3.0.4.jar:%ORACLE_HOME%/oec/java:%CLASSPATH%
        PATH
                          = %ORAWEB_HOME%/jdk/bin/sparc/native_threads:%PATH%
        LD_LIBRARY_PATH
        $ORAWEB_HOME$/jdk/lib/sparc/native_threads:$ORACLE_HOME$/ows/cartx/jweb/lib:$ORACLE_HOME$
        /oec/lib:%LD_LIBRARY_PATH%
       THREADS_FLAG
        [APPLICATION.cdeploy.WEB]
       AppMimeTypes
                       = - jpeg,gif
       GetClientCert
                          = Disabled
       Session
                          = Disabled
       SessionIdle
                         = 15
        [APPLICATION.cdeploy.JAVA]
       SYSTEM_PROPERTY
                         = ORAWEB_HOME=%ORAWEB HOME%
       SYSTEM_PROPERTY
                          = ORACLE_HOME=%ORACLE_HOME%
       MAX_HEAP
                          = 64M
       SYSTEM_PROPERTY
java.naming.factory.initial=oracle.oas.naming.jndi.CartxInitCtxFactory
        [APPLICATION.cdeploy.LOG]
       logger_logsys
       logger_logsys_destdir = /tmp
       logger_logsys_destfname = cdeployO_R_A_C_L_E_S_I_D.log
       logger_logsys_level = 0
        [SYSTEM_cdeploy/cdeploy]
       JavaWebInterface = 3.0
                          = FALSE
11
       Stateless
       ThreadSafe
                         = TRUE
-1
       Prestart
                         = 0
                         = 0
       MinInstances
       MaxInstances
                         = 10
       MinThreads
                         = 3
       MaxThreads
                          = 10
       DisplayName
                         = "OIC - cdeploy"
       Application
                         = cdeploy
```



We recommend that you should the same UNIX group for all users. Typically, this ends up being the group "dba". You may use "dba" even if that exists on your system already. If you are concerned users in the "dba" group should not be able to read files related to the iPrototype Storefront, set the privileges accordingly, or choose another group.

Each application is owned by a different user. We recommend that each username selected include the ORACLE_SID as part of its name. On large system with many users, this helps organize the usernames so that it is easy to identify their purpose.

We recommend that you choose new usernames that do <u>not</u> yet exist on your UNIX system. The cloning process will create the user directory and place a ".profile" file and other files in the home directory for the user. Choosing a username that exists could result in files for that user being overwritten.

The following table shows some typical choices for usernames. These choices were made assuming you have chosen and ORACLE_SID=ipr1

Username	applications owned
ipr1ora	Oracle database files and code
ipr1ics	All OAS and iStore code
ipr1sp	Selling Point*
ipr1vg	All Vignette related code
ipr1ap	All Apache related code
ipr1np	All Net Perceptions related code
ipr1eg	All Engage Ad Manager code

^{*} Note that Selling Point templates for iStore are in the iStore templates directory and would be owned by ipr1ics.

Appendix II - Port Usage

This section provides a summary listing of all ports used by the iPrototype on the UNIX server. There are approximately 20 ports required by the iPrototype, depending on the configuration chosen. Note that when the cloning scripts are executed, you are prompted for a base port number which will be used as a starting sequence for all ports numbers. This helps system administrators better keep track of the ports in use on their machines. All ports used by the iPrototype storefront will be in a consecutive range of numbers from 01 to about 40, prefixed with the base port number. Note that not every number in that range is used. The base port number entered serves as a prefix for all port numbers used. The selected base port number will be followed by a 2 digit number which needs to specifically identify a port number to be used on the UNIX system. For example, if you answer 245, then all ports will start with 245, to be followed with two more digits. The result is that you will use ports 24501, 24502, ..., up to approximately 24537.

PortNumber (prefixed by base	Components Application . A A	Purpose to the total
(Ford)	等等等等等等等	新州建美地市 省
	Apache/Vignette	Apache Listener for Vignette CAS
_05	Apache/Vignette	Apache Listener for Vignette
	Apache/Vignette	Apache Listener for Vignette CMD
_07	Apache/Vignette	Apache Listener for Vignette CTLD
_08	Apache/Vignette	Apache Listener for Vignette TMD
_09	Apache/Vignette	Apache Listener for Vignette PAD
_10	Apache/Vignette	Apache Listener for Vignette PM (CMS)
_11	OAS	www Port
_12	OAS	Node Manager Port
_14	OAS	ORB Port
_18	OAS	admin Port
_20	OAS	mstage Port
_21	OAS	cstage Port
_22,	OAS	cdeploy Port
_23	OAS	ots Port
36	Vignette	VHS Port:
_37	Oracle	TNS DB Listener

Appendix III Base Port Number Restrictions

This section describes restrictions on selecting a base port number. Due to certain UNIX conventions, and also to methods used by some of the various software applications, ports set to certain numbers will not work, or will require special attention in order to make them work properly. For these reasons, we recommend that you do not use certain numbers.

You may select a zero to three digit number as the base port number. Note that UNIX requires that any port number under a certain number requires root access to start the application which uses that number. Some of the applications have a maximum port number value above which they will not work. Therefore, there are certain minimum and maximum base port numbers which are recommended.

The cutoff point requiring root access on UNIX system is 1024. If you choose, 10 as the base port number, then you would require root access to start all applications. This is because you would end up using ports 1001, 1002, ... etc., which are under the 1024 cutoff point. For this reason, we generally recommend that you choose a number greater than or equal to 11 for the base port number.

Note that Vignette requires that you start it from root. It is the only application which requires root access. All other applications can be started from a non privileged account.

Vignette has a maximum port number requirement. You should not go over 32000. Therefore you should not exceed 320 as the maximum base port number.

The recommended value for the base port number is in the range 11..320.

Making your iPrototype Storefront the default application for your machine

Note that you may want your storefront to be the default application served when a web browser makes a request to your server. For example, you want to be able to request http://www.myserver.com and receive the home page of the storefront, instead of having to include a port number and making a request like http://www.myserver.com:24501. This can be done easily although it is not supported as an automatic feature of the scripts.

The default port number is 80 for any request to a server which does not include a port number. This means that http://www.myserver.com is essentially a request to http://www.myserver.com:80. In the iPrototype Storefront configuration, to make your server send the storefront when no port number is included, you must set the cstage listener defined in OAS listen on port 80. This implies you can't already have another application responding to port 80. You must make this change after the installation is completed.

- Edit the cstage.cfg file
- Change the port number reference to use the value of 80
- Stop and restart OAS (using the stop and start procedures in the iprlics user from the example)

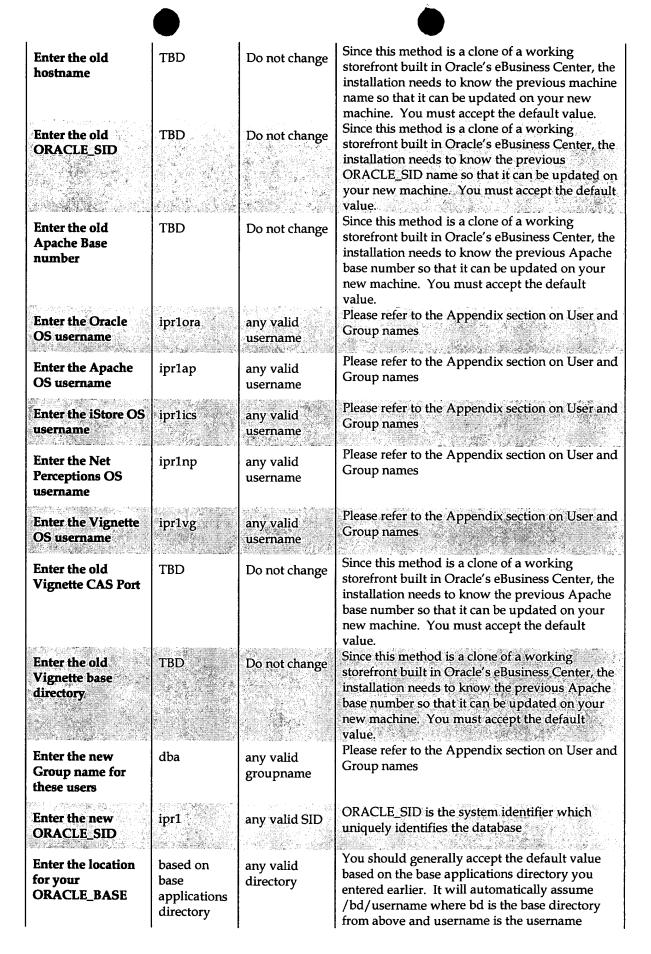
If you reconfigure your store to use another listener, that listener must be set to listen on port 80.

Appendix IV Required Setup Information

The following table contains all the information requested by the setup script. The first choice is to determine the type of setup to be performed. In most cases, you will want to choose option F to perform the complete setup. You have the option of selecting the individual components one at a time if you would like to place one of them on a different server, or vary the standard setup associated with a complete installation.

Columns designed with a value of TBD will have values that are subject to change and therefore could not be defined in this document. A default value will exist when you actually run the script, and the value provided will be appropriate for each release. In most cases, this value should not be changed. The production release of the cloning scripts may hide these prompts.

Setip Broupt	Definits Value	Value Options	Description (1) (1) (1) (1) (1) (1)
Please specify 1 of the 4 installation types to be performed	F	V, I, D, F, X	F = install the complete solution V = install Vignette and Apache only I = install iStore, OAS, and iMarketing only D = install database only X = exit setup without performing any actions
Will Vignette be part of the solution set (Y or N) [Y]	y Zanana dan	Y, N	Y = install Vignette N = do not install Vignette This question is only needed if you choose to perform a full install, but you are not including Vignette in the solution set
Would you like to see debugging information	N	Y,N	Y = include extended debugging info in the installation log files N = include standard debugging info in the installation log files
Enter the installation home directory	current directory		directory where setup sh is located. If have set your directory to where the setup sh is located, it is automatically determined for you
Enter the base user directory	/users	any valid directory (existing or one that could be created)	Location under which the home directory for the users will be created. The home directories will be created if they don't already exist (recommended). You would typically choose an existing directory under which user home directories exist and you would choose new usernames which result in new directories created under the existing / users directory, .e.g, / users/ipr1ora
Enter the base applications directory	[/u01/app]	any valid directory (existing or one that could be created)	Directories will be created if they don't exist (recommended). The names will be the same as the username chosen to own each application, e.g., /u01/app/ipr1ora





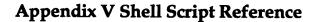


Enter the location for your ORACLE_HOME	ORACLE_B ASE/produ ct/805	Do not change	owning the application You must accept the default location. This is a fixed value once you determine the ORACLE_BASE location
Enter the location for your ORACLE_OAS_B ASE	based on base applications directory	any valid directory	You should generally accept the default value based on the base applications directory you entered earlier. It will automatically assume /bd/username where bd is the base directory from above and username is the username
Enter the location for your ORACLE_OAS_P ROD_BASE	ORACLE_B ASE/produ ct/OAS4081	Do not change	owning the iStore and OAS application You must accept the default location. This is a fixed value once you determine the ORACLE_OAS_BASE location
Enter your new OAS_SITE_NAME	ORACLE_SI D	Any valid site name	This is the site name for OAS. This can be changed, but it is recommended that you use the default value of the ORACLE_SID
Enter your old OAS_SITE_NAME	TBD	Do not change	Since this method is a clone of a working storefront built in Oracle's eBusiness Center, the installation needs to know the previous Apache base number so that it can be updated on your
Enter the location for your Vignette base directory	based on base applications directory	any valid directory	new machine. You must accept the default value. You should generally accept the default value based on the base applications directory you entered earlier. It will automatically assume /bd/username where bd is the base directory from above and username is the username owning the iStore and OAS application
Enter the location for your Apache base directory	based on base applications directory	any valid directory	You should generally accept the default value based on the base applications directory you entered earlier. It will automatically assume /bd/username where bd is the base directory from above and username is the username owning the iStore and OAS application
Enter the Apache Ports Base	245	up to a 3 digit number*	Please refer to the Appendix section on Base Port numbers
Enter the location of for your Net Perceptions base directory	based on base applications directory	any valid directory	You should generally accept the default value based on the base applications directory you entered earlier. It will automatically assume /bd/username where bd is the base directory from above and username is the username owning the Net Perceptions application
Enter the new Net Perceptions port	24535	valid port number	You should accept the default value
Enter the parent Oracle database file directory	/u01/orada ta	any valid directory (existing or one that could be created)	Directories will be created if they don't exist (recommended). The names will be the same as the username chosen to own each application, e.g., /u01/app/ipr1ora
Enter the base Oracle database	based on the parent	any valid directory	You should generally accept the default value based on the parent Oracle directory you





file directory	Oracle directory	directory	entered earlier. It will automatically assume /pd/SID where pd is the parent Oracle directory from above and SID is the ORACLE_SID from above
Enter the database server hostname if different	current server	yalid server name	This is required if you plan on using a multitier approach and you are installing the iStore/OAS/iMarketing option on the middle tier. You must supply the database server name
Enter the new domain	TBD	any valid domain name	You should enter your domain, or the domain where the server will reside, typically "company.com"
Enter the new proxy server	TBD	the machine and domain name of the proxy server	You must supply the correct proxy server name and domain for you environment, e.g., proxy.company.com
Enter the new proxy port	80	proper port number	Enter the proper port number for you proxy server
Enter the OAS Ports Base	245	up to a 3 digit numer	Refer to the Appendix section on Base Port number
Enter the directory location containing the TAR files	TBD	existing directory where tar file are located	This is the directory where the tar files are located, either on CD, in which case it is already known, or on disk, where you would have to specify where you placed the files
Enter the directory in which to place startup scripts	TBD	enter a valid directory	Valid directory where you want to place your startup scripts. If you do not use the standard UNIX directory, you must copy this script to that locatoin so that the application starts up automatically at boot time
Enter the directory to write installation log files	/tmp	enter a valid directory	Valid directory where you want to place your installation log files.
Enter the summary file name	summary.lo	any valid filename	enter a filename for the summary log file
Enter the installation log file name	install.log	any valid filename	enter a filename for the log file



This section gives an overview of the iPrototype Cloning scripts. They actually consist of a number of individual scripts performing various functions. It is not necessary to completely understand what each script does. You may execute the scripts without having read this section, but must be familiar with all other parts of this document before performing the installation.

The following table explains the main shell scripts which comprise the cloning scripts. Note that in many cases, for each application, there is a separate version of each script performing lower level functions. For example, to create users, there is a createUsers.sh script referenced. There are actually about five scripts for creating users. In the interest of brevity, the table shall list one script for each purpose. A name followed by the symbol "*" indicates there are multiple versions of this file.

As mentioned above, there is only one script which must be executed, and all other sripts will be called by that script, or a script which was called by the initial script. The initial script is called setup.sh.

The purpose of setup.sh is to prompt you for all the required information in order to clone the iPrototype Storefront and then to call the appropriate supporting scripts to perform actual installation.

Note that you must be logged in as root in order to execute the cloning scripts.

Script Name	Called By	Purpose Valet (1997)
setup.sh	executed by you	This is the first and only script you must execute. It takes no parameters, prompts you for all required information, and calls the appropriate scripts to perform the desired installation
main.sh	setup.sh	Verifies certain information and calls the appropriate installation script
check_access.sh	main.sh	Checks for proper privileges by verifying you are logged in as root
check_sid.sh	main.sh	Verifies we are not using the same ORACLE_SID as the old one
check_setup.sh	main.sh	Displays the value of all parameters storing the answer to the setup questions
install.sh*	main.sh	Main installation procedure (separate version for each installation option)
unTar.sh*	install.sh*	Untars the appropriate tar file (separate version for each installation option)
setLinks.sh	install.sh*	Define proper UNIX directory and file links
createUsers.sh*	install.sh*	Create the appropriate user (separate version for each installation option)

setOwners.sh*	in tall.sh*	Sets the ownership of files just untarred to the username just created
setInit.sh	install.sh*	Creates the startup and stop scripts for starting and stopping the applications
configureApache.	install.sh*	Configure the Apache files for the new server
configureVignette .sh	install.sh*	Configure the Vignette files for the new server
updateNetp.sh	install.sh*	Updates Net Perceptions database
reconfigureVigne tte.sh	install.sh*	ReConfigures the new Vignette CAS on the new server. The database and Vignette must be up and running for this step
configureOAS.sh	install.sh*	Configures the OAS files for the new machine
setNet.sh*	install.sh*	Creates the proper TNSNAMES and LISTENER files
configureNetp.sh	install.sh*	Configures the Net Perceptions files for the new machine
configureICS.sh	install.sh*	Configures the iStore files for the new machine
setOratab.sh	install.sh*	Create the necessary oratab entry
configureDB.sh	install.sh*	Configures the Oracle database files